GOLF-DIYAR ELECTRONIC

ENCAPSULATED TRANSFORMERS
SWITCH MODE TRANSFORMERS
LINE FILTERS G INDUCTORS
GNITION COILS

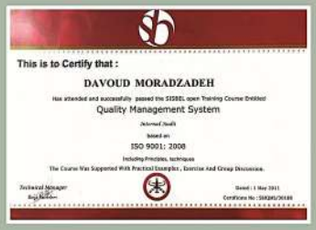
ABOUT

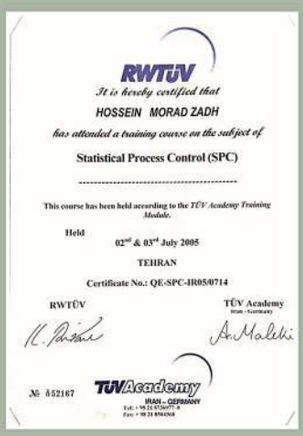
GOLF-DIYAR ELECTRONIC

STARTED ITS OWN ACTIVITY SINCE 2001 AND FROM THE BEGINNING, WE WORK PROFESSIONALLY ON CONSULTATION, DESIGN AND PRODUCTION OF POWER SUPPLY.

COMPANY PRODUCTS ARE VALUABLE AND USEFUL TO MANY ENGINEERS AND COMPANIES WHICH ARE RELATED TO ELECTRONIC AND IN ORDER TO PRODUCE THESE PRODUCTS, THE UTMOST PRECISION AND THE HIGHEST QUALITY OF RAW MATERIALS ARE TAKEN INTO CONSIDERATION; WITH HAVING EXPERIENCED ENGINEERS AND WORK FORCE THIS POSSIBILITY IS PROVIDED TO PRODUCE PRODUCTS THAT ARE COMPETITIVE TO OTHER PRODUCERS AROUND THE WORLD.

CONTENT





GOLFDIYARELECTRONIC

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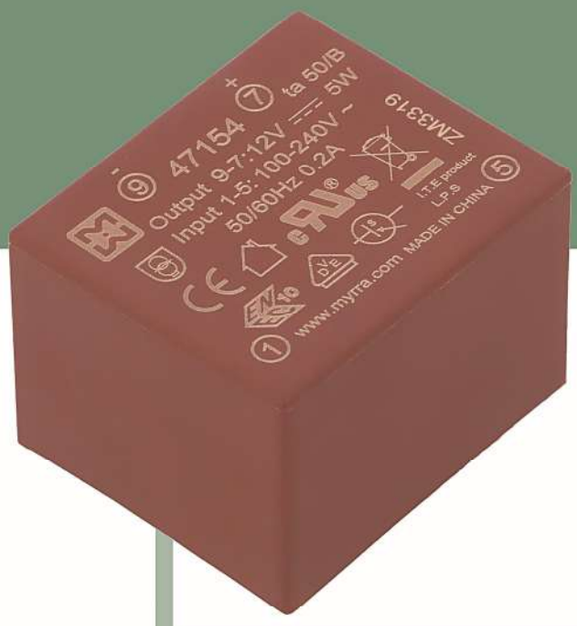
ELECTRONIC TRANSFORMERS



SWITCHING POWER SUPPLIES
(ELECTRONIC TRANSFORMERS)

Main Features

- Compact board mount design
- Universal input (90-270 Vac)
- Continuous rated power
- Output voltage accuracy (+3%)
- High efficiency (min.72%)
- Low consumption in standby (<0,2W)
- Over temperature, and short circuit protections

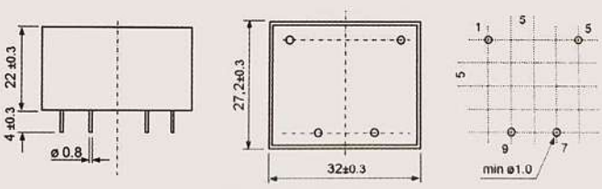
Safety and Compliance

	Conditions & Description	Min.	Typ	Max.	Units
Isolation Voltage	Primary to secondary (5mA/5sec.)		3000		Vac
Safety Standart	EN 60950-1, EN 60335, EN 61558-2-16				
Safety Class	Class II (B)				
EMI / EMC	EN 55014-1, EN 55022 (class B)				
MTBF		300k			hrs

3,0W Type ET3Wxx

Electrical Parameters

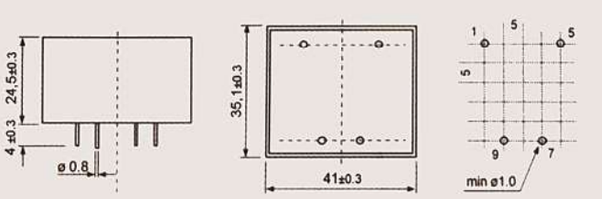
MODEL	Output Voltage [Vdc]	Output Current [mA]	Output Power [W]	Max. output Ripple&Noise [mVp-p]	Effiency
ET3W03	3,3	700	2,3	150	72
ET3W05	5	600	3	150	76
ET3W09	9	330	3	150	78
ET3W12	12	250	3	200	80
ET3W15	15	200	3	250	80
ET3W24	24	125	3	300	82



7,5W Type ET7Wxx

Electrical Parameters

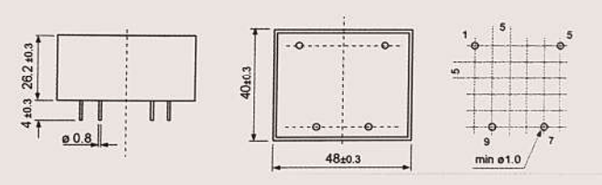
MODEL	Output Voltage [Vdc]	Output Current [mA]	Output Power [W]	Max. output Ripple&Noise [mVp-p]	Effiency
ET7W03	3,3	1515	5	150	75
ET7W05	5	1200	6	150	79
ET7W09	9	833	7,5	150	81
ET7W12	12	625	7,5	200	82
ET7W15	15	500	7,5	250	84
ET7W24	24	313	7,5	300	86



10W Type ET10Wxx

Electrical Parameters

MODEL	Output Voltage [Vdc]	Output Current [mA]	Output Power [W]	Max. output Ripple&Noise [mVp-p]	Effiency
ET10W03	3,3	1818	6	150	76
ET10W05	5	1600	8	150	79
ET10W09	9	1000	9	150	82
ET10W12	12	833	10	200	84
ET10W15	15	667	10	250	85
ET10W24	24	417	10	300	86



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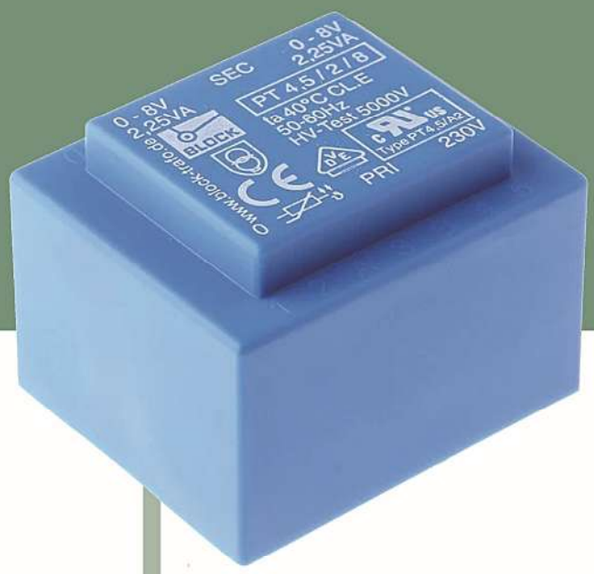
ENCAPSULATED TRANSFORMERS



Encapsulated Safety Isolating Trsnsformer

0.35VA Type EI 20/6.0

Electrical Parameters

Input

Primary Voltage	230 Vac
Frequency	50-60 Hz

Output

Output Power	0.35 VA

Environment

Ambient Temperature Max.	*10°c*

Safty and Protection

Protection Index	IP 00
Safety Class	II
Short Circuit Strength	Short-Circuit Proof

Test

Test Voltage	4000V / 50 Hz (Between Input and Output)

Design

Features	Potted Under Vacuum Split-Bobbin Winding
Acc. to	VOE 0570 | EN 61558

Mechanical Parameters

Terminal and Mounting

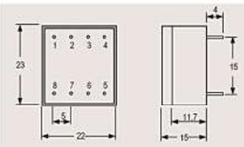
Terminals	Pins for printed circuit boards

Measures

Pin [0]	0.6 mm
Core Type	EI 20/6.0

Detailed Electrical Parameters

El-Korn Code	Secondary [VJ	Current [A]	No-Load [Output]	Pin Pr/Sec
RN120121	6	0,058	10,20	1-4/6-7
RN120122	7,5	0,047	12,75	1-4/6-7
RN120123	9	0,039	15,30	1-4/6-7
RN120124	12	0,029	20,40	1-4/6-7
RN120125	15	0,023	25,50	1-4/6-7
RN120126	18	0,019	30,60	1-4/6-7
RN120127	24	0,015	40,80	1-4/6-7
RN120128	30	0,012	51,00	1-4/6-7
RN120141	2x6	2x0,029	2x10,20	1-4/5-6,7-8
RN120142	2x7,5	2x0,023	2x12,75	1-4/5-6,7-8
RN120143	2x9	2x0,019	2x15,30	1-4/5-6,7-8
RN120144	2x12	2x0,015	2x20,40	1-4/5-6,7-8
RN120145	2x15	2x0,012	2x25,50	1-4/5-67-8
RN120146	2x18	2x0,010	2x30,60	1-4/5-6,7-8
RN120147	2x24	2x0,007	2x40,80	1-4/5-6,7-8



0.5VA Type EI 20/10

Electrical Parameters

Input

Primary Voltage	230 Vac
Frequency	50-60 Hz

Output

Output Power	0.5VA

Environment

Ambient Temperature Max.	*10°c*

Safty and Protection

Protection Index	IP 00
Safety Class	II
Short Circuit Strength	Short-Circuit Proof

Test

Test Voltage	4000V / 50 Hz (Between Input and Output)

Design

Features	Potted Under Vacuum Split-Bobbin Winding
Acc. to	VOE 0570 | EN 61558

Mechanical Parameters

Terminal and Mounting

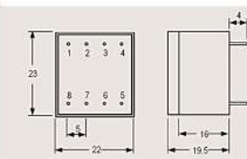
Terminals	Pins for printed circuit boards

Measures

Pin [0]	0.6 mm
Core Type	EI 20/10

Detailed Electrical Parameters

El-Korn Code	Secondary [VJ	Current [A]	No-Load [Output]	Pin Pr/Sec
RN120221	6	0,083	10,20	1-4/6-7
RN120222	7,5	0,067	12,75	1-4/6-7
RN120223	9	0,056	15,30	1-4/6-7
RN120224	12	0,042	20,40	1-4/6-7
RN120225	15	0,033	25,50	1-4/6-7
RN120226	18	0,028	30,60	1-4/6-7
RN120227	24	0,021	40,80	1-4/6-7
RN120228	30	0,017	51,00	1-4/6-7
RN120241	2x6	2x0,042	2x10,20	1-4/5-67-8
RN120242	2x7,5	2x0,033	2x12,75	1-4/5-6,7-8
RN120243	2x9	2x0,028	2x15,30	1-4/5-6,7-8
RN120244	2x12	2x0,021	2x20,40	1-4/5-67-8
RN120245	2x15	2x0,017	2x25,50	1-4/5-6,7-8
RN120246	2x18	2x0,014	2x30,60	1-4/5-6,7-8
RN120247	2x24	2x0,010	2x40,80	1-4/5-67-8



0.5VA Type EI 30/5.5

Electrical Parameters

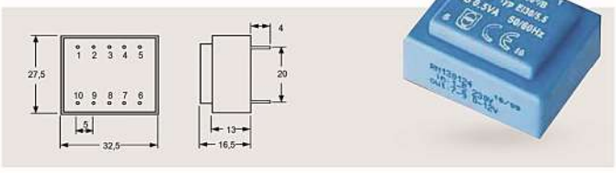
Input	
Primary Voltage	230 Vac
Frequency	50-60 Hz
Output	
Output Power	0.5 VA
Environment	
Ambient Temperature Max.	60°C
Safty and Protection	
Protection Index	IP 00
Safety Class	11
Short Circuit Strength	Short-Circuit Proof
Test	
Test Voltage	4000V / 50 Hz (Between Input and Output)
Design	
Features	Potted Under Vacuum, Split-Bobbin Winding
Acc. to	VOE 0570 I EN 61558

Mechanical Parameters

Terminal and Mounting	
Terminals	Pins for printed circuit boards
Measures	
Pin	□0,64mm
Core Type	EI 30/5.5

Detailed Electrical Parameters

EI-Korn Code	Secondary [VJ	Current [A]	No-Load [Output]	Pin Pr/Sec
RN130121	6	0,083	10,50	1-5/7-9
RN130122	7,5	0,067	13,13	1-5/7-9
RN130123	9	0,056	15,75	1-5/7-9
RN130124	12	0,042	21,00	1-5/7-9
RN130125	15	0,033	26,25	1-5/7-9
RN130126	18	0,028	31,50	1-5/7-9
RN130127	24	0,021	42,00	1-5/7-9
RN130128	30	0,017	52,50	1-5/7-9
RN130141	2x6	**2 x 0,042**	2 x 10,50	1-5/6-7 9-10
RN130142	2 x 7,5	2 x 0,033	**2 x 13,13**	1-5/6-7,9-10
RN130143	2x9	2 x 0,028	**2 x 15,75**	**1-5/6-7,9-10**
RN130144	**2 x 12**	2 x 0,021	**2 x 21,00**	1-5/6-7 ,9-10
RN130145	**2 x 15**	2 x 0,017	**2 x 26,25**	1-5/6-7,9-10
RN130146	**2 x 18**	2 x 0,014	**2 x 31,50**	1-5/6-7 ,9-10
RN130147	**2 x 24**	2 x 0,010	2 x42,00	1-5/6-7 ,9-10



1.2VA Type EI 30/10.5

Electrical Parameters

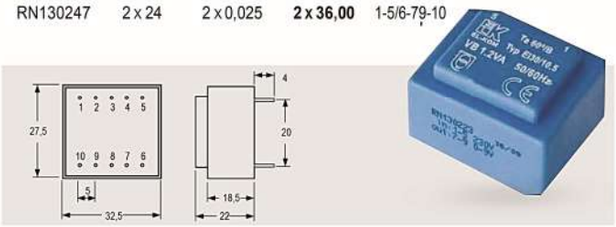
Input	
Primary Voltage	230 Vac
Frequency	50-60 Hz
Output	
Output Power	1.2 VA
Environment	
Ambient Temperature Max.	60°C
Safty and Protection	
Protection Index	IP 00
Safety Class	II
Short Circuit Strength	Short-Circuit Proof
Test	
Test Voltage	4000V / 50 Hz (Between Input and Output)
Design	
Features	Potted Under Vacuum, Split-Bobbin Winding
Acc. to	VOE 0570 I EN 61558

Mechanical Parameters

Terminal and Mounting	
Terminals	Pins for printed circuit boards
Measures	
Pin	□0,64mm
Core Type	EI 30/10.5

Detailed Electrical Parameters

EI-Korn Code	Secondary [VJ	Current [A]	No-Load [Output]	Pin Pr/Sec
RN130221	6	0,200	9,00	1-5/7-9
RN130222	7,5	0,160	11,25	1-5/7-9
RN130223	9	0,133	13,50	1-5/7-9
RN130224	12	0,100	18,00	1-5/7-9
RN130225	15	0,080	22,50	1-5/7-9
RN130226	18	0,067	27,00	1-5/7-9
RN130227	24	0,050	36,00	1-5/7-9
RN130228	30	0,040	45,00	1-5/7-9
RN130241	2x6	2x0,100	2 x 9,00	1-5/6-79-10
RN130242	2x7,5	2 x 0,080	2 x 11,25	1-5/6-79-10
RN130243	2x9	2 x 0,067	2 x 13,50	1-5/6-79-10
RN130244	2 x 12	2 x 0,050	**2 x 18,00**	1-5/6-79-10
RN130245	2 x 15	2 x 0,040	**2 x 22,50**	1-5/6-79-10
RN130246	2 x 18	2 x 0,033	**2 x 27,00**	1-5/6-79-10
RN130247	2 x 24	2 x 0,025	**2 x 36,00**	1-5/6-79-10



Encapsulated Safety Isolating Trsnsformer

1.5VA Type EI 30/12.5

Electrical Parameters

Input

Primary Voltage	230 Vac
Frequency	50-60 Hz

Output

Output Power	1.5 VA

Environment

Ambient Temperature Max.	60°C

Safty and Protection

Protection Index	IP 00
Safety Class	II
Short Circuit Strength	Short-Circuit Proof

Test

Test Voltage	4000V / 50 Hz (Between Input and Output)

Design

Features	Potted Under Vacuum Split-Bobbin Winding
Acc. to	VOE 0570 | EN 61558

Mechanical Parameters

Terminal and Mounting

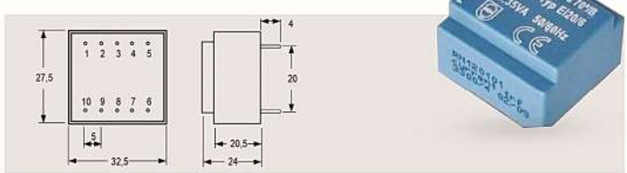
Terminals	Pins for printed circuit boards

Measures

Pin	□0,64mm
Core Type	EI 3012.5

Detailed Electrical Parameters

El-Korn Code	Secondary [VJ	Current [A]	No-Load [Output]	Pin Pr/Sec
RN130321	6	0,250	9,30	1-5/7-9
RN130322	7,5	0,200	11,63	1-5/7-9
RN130323	9	0,167	13,95	1-5/7-9
RN130324	12	0,125	18,60	1-5/7-9
RN130325	15	0,100	23,25	1-5/7-9
RN130326	18	0,083	27,90	1-5/7-9
RN130327	24	0,063	37,20	1-5/7-9
RN130328	30	0,050	46,50	1-5/7-9
RN130341	2x 6	2x0,125	2x 9,30	1-5/6-7,9-10
RN130342	2 x 7,5	2 x 0,100	2x11,63	1-5/6-7.9-10
RN130343	2x9	2 x 0,083	2 x 13,95	1-5/6-7.9-10
RN130344	2 x 12	2 x 0,063	2 x 18,60	1-5/6-7,9-10
RN130345	2 x 15	2 x 0,050	**2 x 23,25**	1-5/6-7,9-10
RN130346	2 x 18	2 x 0,042	**2 x 27,90**	1-5/6-7.9-10
RN130347	2 x 24	2 x 0,031	**2 x 37,20**	1-5/6-7,9-10



2.0VA Type EI 30/15.5

Electrical Parameters

Input

Primary Voltage	230 Vac
Frequency	50-60 Hz

Output

Output Power	2.0VA

Environment

Ambient Temperature Max.	60°C

Safty and Protection

Protection Index	IP 00
Safety Class	II
Short Circuit Strength	Short-Circuit Proof

Test

Test Voltage	4000V / 50 Hz (Between Input and Output)

Design

Features	Potted Under Vacuum Split-Bobbin Winding
Acc. to	VOE 0570 | EN 61558

Mechanical Parameters

Terminal and Mounting

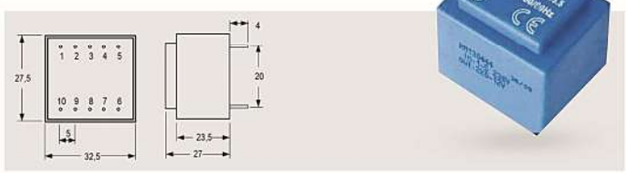
Terminals	Pins for printed circuit boards

Measures

Pin	□0,64mm
Core Type	EI 30/15.5

Detailed Electrical Parameters

El-Korn Code	Secondary [VJ	Current [A]	No-Load [Output]	Pin Pr/Sec
RN130421	6	0,333	9,30	1-5/7-9
RN130422	7,5	0,267	11,63	1-5/7-9
RN130423	9	0,222	13,95	1-5/7-9
RN130424	12	0,167	18,60	1-5/7-9
RN130425	15	0,133	23,25	1-5/7-9
RN130426	18	0,111	27,90	1-5/7-9
RN130427	24	0,083	37,20	1-5/7-9
RN130428	30	0,067	46,50	1-5/7-9
RN130441	2x6	2 x 0,167	2 x 9,30	1-5/6-7,9-10
RN130442	2x 7,5	2x0,133	2x11,63	1-5/6-7,9-10
RN130443	2x9	2 x 0,111	2 x 13,95	1-5/6-7,9-10
RN130444	2 x 12	2 x 0,083	2 x 18,60	1-5/6-7,9-10
RN130445	2 x 15	2 x 0,067	2 x 23,25	1-5/6-79-10
RN130446	2 x 18	2 x 0,056	2 x 27,90	1-5/6-79-10
RN130447	2x24	2 x 0,042	2 x 37,20	1-5/6-7.9-10



2.3VA Type EI 30/15.5

Electrical Parameters

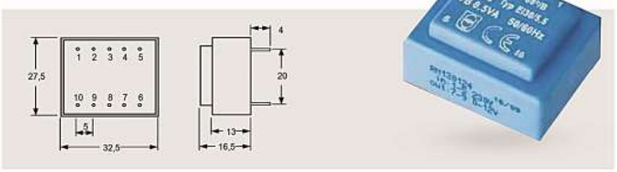
Input	
Primary Voltage	230 Vac
Frequency	50-60 Hz
Output	
Output Power	0.5 VA
Environment	
Ambient Temperature Max.	60°C
Safty and Protection	
Protection Index	IP 00
Safety Class	11
Short Circuit Strength	Short-Circuit Proof
Test	
Test Voltage	4000V / 50 Hz (Between Input and Output)
Design	
Features	Potted Under Vacuum Split-Bobbin Winding
Acc. to	VOE 0570 I EN 61558

Mechanical Parameters

Terminal and Mounting	
Terminals	Pins for printed circuit boards
Measures	
Pin	□0,64mm
Core Type	EI 30/5.5

Detailed Electrical Parameters

EI-Korn Code	Secondary [VJ	Current [A]	No-Load [Output]	Pin Pr/Sec
RN130121	6	0,083	10,50	1-5/7-9
RN130122	7,5	0,067	13,13	1-5/7-9
RN130123	9	0,056	15,75	1-5/7-9
RN130124	12	0,042	21,00	1-5/7-9
RN130125	15	0,033	26,25	1-5/7-9
RN130126	18	0,028	31,50	1-5/7-9
RN130127	24	0,021	42,00	1-5/7-9
RN130128	30	0,017	52,50	1-5/7-9
RN130141	2x6	**2 x 0,042**	2 x 10,50	1-5/6-7 9-10
RN130142	2 x 7,5	2 x 0,033	**2 x 13,13**	1-5/6-7,9-10
RN130143	2x9	2 x 0,028	**2 x 15,75**	**1-5/6-7,9-10**
RN130144	**2 x 12**	2 x 0,021	**2 x 21,00**	1-5/6-7 ,9-10
RN130145	**2 x 15**	2 x 0,017	**2 x 26,25**	1-5/6-7,9-10
RN130146	**2 x 18**	2 x 0,014	**2 x 31,50**	1-5/6-7 ,9-10
RN130147	**2 x 24**	2 x 0,010	2 x42,00	1-5/6-7 ,9-10



2.3VA Type EI 30/15.5

Electrical Parameters

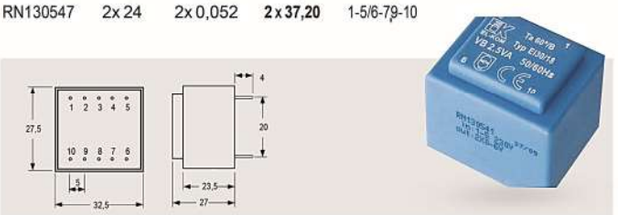
Input	
Primary Voltage	230 Vac
Frequency	50-60 Hz
Output	
Output Power	2.5VA
Environment	
Ambient Temperature Max.	60°C
Safty and Protection	
Protection Index	IP 00
Safety Class	II
Short Circuit Strength	Short-Circuit Proof
Test	
Test Voltage	4000V / 50 Hz (Between Input and Output)
Design	
Features	Potted Under Vacuum Split-Bobbin Winding
Acc. to	VOE 0570 I EN 61558

Mechanical Parameters

Terminal and Mounting	
Terminals	Pins for printed circuit boards
Measures	
Pin	□0,64mm
Core Type	EI 30/18.5

Detailed Electrical Parameters

EI-Korn Code	Secondary [VJ	Current [A]	No-Load [Output]	Pin Pr/Sec
RN130521	6	0,417	9,30	1-5/7-9
RN130522	7,5	0,333	11,63	1-5/7-9
RN130523	9	0,278	13,95	1-5/7-9
RN130524	12	0,208	18,60	1-5/7-9
RN130525	15	0,167	23,25	1-5/7-9
RN130526	18	0,139	27,90	1-5/7-9
RN130527	24	0,104	37,20	1-5/7-9
RN130528	30	0,083	46,50	1-5/7-9
RN130541	2x6	2 x 0,208	2 x 9,30	1-5/6-79-10
RN130542	2 x 7,5	2x0,167	2x11,63	1-5/6-79-10
RN130543	2x9	2x0,139	2 x 13,95	1-5/6-79-10
RN130544	2 x 12	2x0,104	2 x 18,60	1-5/6-79-10
RN130545	2 x 15	2x 0,083	2 x 23,25	1-5/6-79-10
RN130546	2 x 18	2 x 0,069	2 x 27,90	1-5/6-7,9-10
RN130547	2x 24	2x 0,052	**2 x 37,20**	1-5/6-79-10



Encapsulated Safety Isolating Trsnsformer

2.8VA Type EI 30/18.5

Electrical Parameters

Input

Primary Voltage	230 Vac
Frequency	50-60 Hz

Output

Output Power	2.8VA

Environment

Ambient Temperature Max.	60°C

Safty and Protection

Protection Index	IP 00
Safety Class	II
Short Circuit Strength	Short-Circuit Proof

Test

Test Voltage	4000V / 50 Hz (Between Input and Output)

Design

Features	Potted Under Vacuum Split-Bobbin Winding
Acc. to	VOE 0570 | EN 61558

Mechanical Parameters

Terminal and Mounting

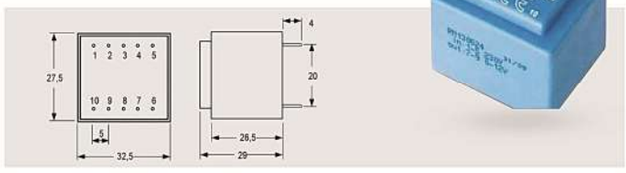
Terminals	Pins for printed circuit boards

Measures

Pin	□0,64mm
Core Type	EI 30/18.5

Detailed Electrical Parameters

EI-Korn Code	Secondary [VJ	Current [A]	No-Load [Output]	Pin Pr/Sec
RN130621	6	0,467	8,70	1-5/7-9
RN130622	7,5	0,373	10,88	1-5/7-9
RN130623	9	0,311	13,05	1-5/7-9
RN130624	12	0,233	17,40	1-5/7-9
RN130625	15	0,187	21,75	1-5/7-9
RN130626	18	0,156	26,10	1-5/7-9
RN130627	24	0,117	34,80	1-5/7-9
RN130628	30	0,093	43,50	1-5/7-9
RN130641	2x6	2x0,233	2x8,70	1-5/6-79-10
RN130642	2x7,5	2x0,187	2x 10,88	1-5/6-79-10
RN130643	2x9	2x0,156	2x 13,05	1-5/6-79-10
RN130644	2x12	2x0,117	2x 17,40	1-5/6-79-10
RN130645	2x15	2 x0,093	**2x21,75**	1-5/6-79-10
RN130646	2x18	2 x0,078	**2x26,10**	1-5/6-79-10



1.8VA Type EI 38/7.5

Electrical Parameters

Input

Primary Voltage	230 Vac
Frequency	50-60 Hz

Output

Output Power	1.8 VA

Environment

Ambient Temperature Max.	40°c

Safty and Protection

Protection Index	IP 00
Safety Class	II
Short Circuit Strength	Non Short-Circuit Proof

Test

Test Voltage	4000V / 50 Hz (Between Input and Output)

Design

Features	Potted Under Vacuum Split-Bobbin Winding
Acc. to	VOE 0570 | EN 61558

Mechanical Parameters

Terminal and Mounting

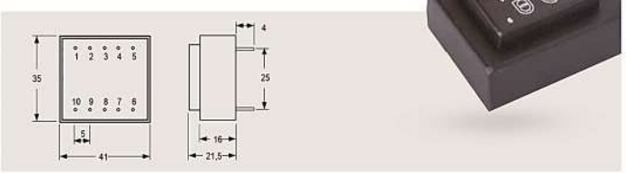
Terminals	Pins for printed circuit boards

Measures

Pin	□0,64mm
Core Type	EI 38/7.5

Detailed Electrical Parameters

EI-Korn Code	Secondary [VJ	Current [A]	No-Load [Output]	Pin Pr/Sec
RN138121	6	0,300	8,40	1-5/7-9
RN138122	7,5	0,240	10,50	1-5/7-9
RN138123	9	0,200	12,60	1-5/7-9
RN138124	12	0,150	16,80	1-5/7-9
RN138125	15	0,120	21,00	1-5/7-9
RN138126	18	0,100	25,20	1-5/7-9
RN138127	24	0,075	33,60	1-5/7-9
RN138128	30	0,060	42,00	1-5/7-9
RN138141	2x6	2x0,150	2x 8,40	1-5/6-79-10
RN138142	2x7,5	2x0,120	2x10,50	1-5/6-79-10
RN138143	2x9	2x0,100	2x 12,60	1-5/6-7.9-10
RN138144	2x12	**2x**0,075	2x 16,80	1-5/6-7.9-10
RN138145	**2x**15	2x0,060	2x 21,00	1-5/6-79-10
RN138146	**2x**18	2x0,050	**2x25,20**	1-5/6-7.9-10
RN138147	2x 24	2x0,038	**2x33,60**	1-5/6-79-10



3.0VA Type EI 38/13.5

Electrical Parameters

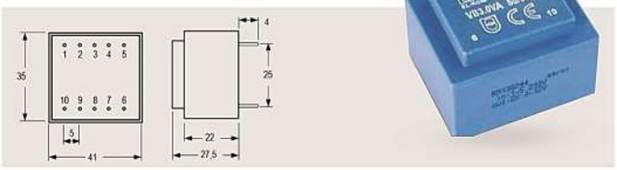
Input	
Primary Voltage	230 Vac
Frequency	50-60 Hz
Output	
Output Power	3.0VA
Environment	
Ambient Temperature Max.	40°c
Safty and Protection	
Protection Index	IP 00
Safety Class	II
Short Circuit Strength	Non Short-Circuit Proof
Test	
Test Voltage	4000V / 50 Hz (Between Input and Output)
Design	
Features	Potted Under Vacuum Split-Bobbin Winding
Acc. to	VOE 0570 | EN 61558

Mechanical Parameters

Terminal and Mounting	
Terminals	Pins for printed circuit boards
Measures	
Pin [0]	0.8 mm
Core Type	EI 38/13.5

Detailed Electrical Parameters

EI-Korn Code	Secondary [V]	Current [A]	No-Load [Output]	Pin Pr/Sec
RN138221	6	0,500	8,40	1-517-9
RN138222	7,5	0,400	10,50	1-517-9
RN138223	9	0,333	12,60	1-517-9
RN138224	12	0,250	16,80	1-517-9
RN138225	15	0,200	21,00	1-517-9
RN138226	18	0,167	25,20	1-517-9
RN138227	24	0,125	33,60	1-517-9
RN138228	30	0,100	42,00	1-517-9
RN138241	2x6	2x0,250	2x8,40	1-5/6-7,9-10
RN138242	2x7,5	2x0,200	2x10,50	1-5/6-7,9-10
RN138243	2x9	2x0,167	2x12,60	1-5/6-7,9-10
RN138244	2x12	2x0,125	2x16,80	1-5/6-7,9-10
RN138245	2x15	2x0,100	2x21,00	1-5/6-7,9-10
RN138246	2x18	2x0,083	2x25,20	1-5/6-7,9-10
RN138247	2x24	**2x0,063**	**2x33,60**	1-5/6-7,9-10



3.2VA Type EI 38/13.5

Electrical Parameters

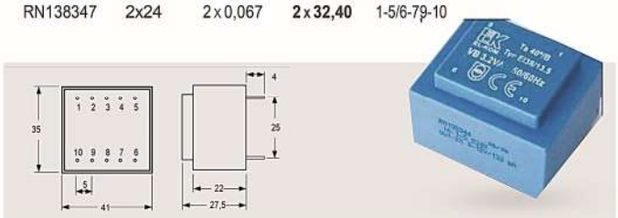
Input	
Primary Voltage	230 Vac
Frequency	50-60 Hz
Output	
Output Power	3.2VA
Environment	
Ambient Temperature Max.	40°c
Safty and Protection	
Protection Index	IP 00
Safety Class	II
Short Circuit Strength	Non Short-Circuit Proof
Test	
Test Voltage	4000V / 50 Hz (Between Input and Output)
Design	
Features	Potted Under Vacuum Split-Bobbin Winding
Acc. to	VOE 0570 | EN 61558

Mechanical Parameters

Terminal and Mounting	
Terminals	Pins for printed circuit boards
Measures	
Pin [0]	0.8 mm
Core Type	EI 38/13.5

Detailed Electrical Parameters

EI-Korn Code	Secondary [VJ	Current [A]	No-Load [Output]	Pin Pr/Sec
RN138321	6	0,533	8,10	1-517-9
RN138322	7,5	0,427	10,13	1-517-9
RN138323	9	0,356	12,15	1-5/7-9
RN138324	12	0,267	16,20	1-517-9
RN138325	15	0,213	20,25	1-5/7-9
RN138326	18	0,178	24,30	1-5/7-9
RN138327	24	0,133	32,40	1-517-9
RN138328	30	0,107	40,50	1-517-9
RN138341	2x6	2x0,267	2x8,10	1-5/6-7,9-10
RN138342	2x7,5	2x0,213	2x10,13	1-5/6-7,9-10
RN138343	2x9	2x0,178	2x12,15	1-5/6-7,9-10
RN138344	2x12	2x0,133	**2x16,20**	1-5/6-7,9-10
RN138345	2x15	2x0,107	**2x20,25**	1-5/6-7,9-10
RN138346	2x18	2x0,089	**2x24,30**	1-5/6-7,9-10
RN138347	2x24	2x0,067	**2x32,40**	1-5/6-7,9-10



Encapsulated Safety Isolating Trsnsformer

3.5VA Type EI 38/13.5

Electrical Parameters

Input

Primary Voltage	230 Vac
Frequency	50-60 Hz

Output

Output Power	3.5VA

Environment

Ambient Temperature Max.	40°c

Safty and Protection

Protection Index	IP 00
Safety Class	II
Short Circuit Strength	Non Short-Circuit Proof

Test

Test Voltage	4000V / 50 Hz (Between Input and Output)

Design

Features	Potted Under Vacuum Split-Bobbin Winding
Acc. to	VOE 0570 | EN 61558

Mechanical Parameters

Terminal and Mounting

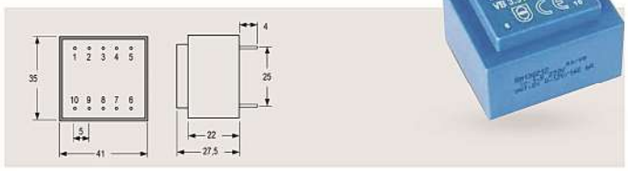
Terminals	Pins for printed circuit boards

Measures

Pin [0]	0.8 mm
Core Type	EI 38/13.5

Detailed Electrical Parameters

El-Kom Code	Secondary [VJ	Current [A]	No-Load [Output]	Pin Pr/Sec
RN138421	6	0,583	7,80	1-5/7-9
RN138422	7,5	0,467	9,75	1-5/7-9
RN138423	9	0,389	11,70	1-5/7-9
RN138424	12	0,292	15,60	1-5/7-9
RN138425	15	0,233	19,50	1-5/7-9
RN138426	18	0,194	23,40	1-5/7-9
RN138427	24	0,146	31,20	1-5/7-9
RN138428	30	0,117	39,00	1-5/7-9
RN138441	2x6	2 x 0,292	**2 x 7,80**	1-5/6-7,9-10
RN138442	2x 7,5	2 x 0,233	**2 x 9,75**	1-5/6-7,9-10
RN138443	2x9	2 x 0,194	**2 x 11,70**	1-5/6-79-10
RN138444	**2 x 12**	2x 0,146	**2 x 15,60**	1-5/6-7,9-10
RN138445	**2 x 15**	2x0,117	**2 x 19,50**	1-5/6-7,9-10
RN138446	**2 x 18**	2 x 0,097	**2 x 23,40**	1-5/6-79-10
RN138447	2x24	2 x 0,073	**2 x 31,20**	1-5/6-7,9-10



3.0VA Type EI 42/8.5

Electrical Parameters

Input

Primary Voltage	230 Vac
Frequency	50-60 Hz

Output

Output Power	3.0VA

Environment

Ambient Temperature Max.	40°c

Safty and Protection

Protection Index	IP 00
Safety Class	II
Short Circuit Strength	Non Short-Circuit Proof

Test

Test Voltage	4000V / 50 Hz (Between Input and Output)

Design

Features	Potted Under Vacuum Split-Bobbin Winding
Acc. to	VOE 0570 | EN 61558

Mechanical Parameters

Terminal and Mounting

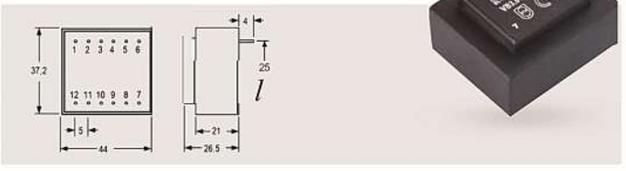
Terminals	Pins for printed circuit boards

Measures

Pin	00,64mm
Core Type	EI 42/8.5

Detailed Electrical Parameters

El-Korn Code	Secondary [VJ	Current [A]	No-Load [Output]	Pin Pr/Sec
RN142121	6	0,533	8,40	1-6/8-11
RN142122	7,5	0,427	10,50	1-6/8-11
RN142123	9	0,356	12,60	1-6/8-11
RN142124	12	0,267	16,80	1-6/8-11
RN142125	15	0,213	21,00	1-6/8-11
RN142126	18	0,178	25,20	1-6/8-11
RN142127	24	0,133	33,60	1-6/8-11
RN142128	30	0,107	42,00	1-6/8-11
RN142141	2x6	2 x 0,267	2 x 8,40	1-6/7-8,11-12
RN142142	2 x 7,5	2 x 0,213	2 x 10,50	1-6/7-8,11-12
RN142143	2x9	2 x 0,178	2 x 12,60	1-6/7-8,11-12
RN142144	2 x 12	2x0,133	**2 x 16,80**	1-6/7-811-12
RN142145	2 x 15	2x0,107	**2 x 21,00**	1-6/7-811-12
RN142146	2 x 18	2 x 0,089	**2 x 25,20**	1-6/7-811-12
RN142147	2x24	2 x 0,067	**2 x 33,60**	1-6/7-811-12



5.0VA Type EI 42/14.5

Electrical Parameters

Input

Primary Voltage	230 Vac
Frequency	50-60 Hz

Output

Output Power	5.0VA

Environment

Ambient Temperature Max.	40°c

Safty and Protection

Protection Index	IP 00
Safety Class	II
Short Circuit Strength	Non Short-Circuit Proof

Test

Test Voltage	4000V / 50 Hz (Between Input and Output)

Design

Features	Potted Under Vacuum Split-Bobbin Winding
Acc. to	VOE 0570 | EN 61558

Mechanical Parameters

Terminal and Mounting

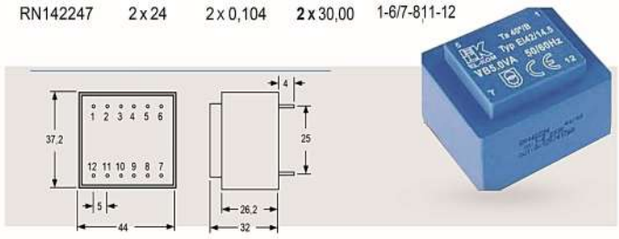
Terminals	Pins for printed circuit boards

Measures

Pin [0]	0.8 mm
Core Type	EI **42/14.5**

Detailed Electrical Parameters

EI-Korn Code	Secondary [VJ	Current [A]	No-Load [Output]	Pin Pr/Sec
RN142221	6	0,833	7,50	1-6/8-11
RN142222	7,5	0,667	9,38	1-6/8-11
RN142223	9	0,556	11,25	1-6/8-11
RN142224	12	0,417	15,00	1-6/8-11
RN142225	15	0,333	18,75	1-6/8-11
RN142226	18	0,278	22,50	1-6/8-11
RN142227	24	0,208	30,00	1-6/8-11
RN142228	30	0,167	37,50	1-6/8-11
RN142241	2 x 6	2x0,417	2 x 7,50	1-6/7-8,11-12
RN142242	2 x 7,5	2 x 0,333	2 x 9,38	1-6/7-8,11-12
RN14224.3	2 x 9	2 x 0,278	2 x 11,25	1-6/7-8,11-12
RN142244	2 x 12	2 x 0,208	2 x 15,00	1-6/7-811-12
RN142245	2 x 15	2x0,167	2 x 18,75	1-6/7-811-12
RN142246	2 x 18	2 x 0,139	2 x 22,50	1-6/7-811-12
RN142247	2 x 24	2 x 0,104	2 x 30,00	1-6/7-811-12



Encapsulated Safety Isolating Trsnsformer

8.0VA Type EI 42/20

Electrical Parameters

Input

Primary Voltage	230 Vac
Frequency	50-60 Hz

Output

Output Power	8.0VA

Environment

Ambient Temperature Max.	40°c

Safty and Protection

Protection Index	IP 00
Safety Class	II
Short Circuit Strength	Non Short-Circuit Proof

Test

Test Voltage	4000V / 50 Hz (Between Input and Output)

Design

Features	Potted Under Vacuum Split-Bobbin Winding
Acc. to	VOE 0570 ı EN 61558

Mechanical Parameters

Terminal and Mounting

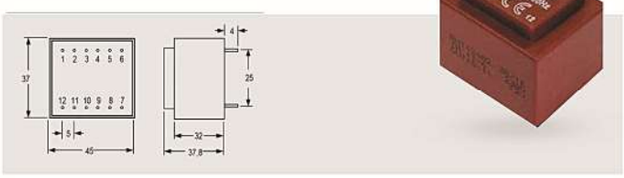
Terminals	Pins for printed circuit boards

Measures

Pin [0]	0.8 mm
Core Type	EI **42/20**

Detailed Electrical Parameters

El-Kom Code	Secondary [V]	Current [A]	No-Load [Output]	Pin Pr/Sec
RN142421	6	1.333	**7,50**	**1-6/8-11**
RN142422	7,5	1.067	**9,38**	**1-6/8-11**
RN142423	9	0,889	**11.25**	**1-6/8-11**
RN142424	12	0,667	**15,00**	**1-6/8-11**
RN142425	15	0,533	18,75	**1-6/8-11**
RN142426	18	0,444	**22,50**	**1-6/8-11**
RN142427	24	0,333	**30,00**	**1-6/8-11**
RN142428	30	0,267	**37,50**	**1-6/8-11**
RN142441	2x6	2x0,667	2x 7,50	1-617-8,11-12
RN142442	2x7,5	2x0,533	2x9,38	1-617-8,11-12
RN142443	2x9	2x0,444	2x11,25	1-617-8,11-12
RN142444	2x12	2x0,333	**2x15,00**	1-6/7-8,11-12
RN142445	2x15	2x0,267	2x18,75	1-617-8,11-12
RN142446	2x18	2x0,222	2x22,50	1-6/7-8,11-12
RN142447	2x24	2x0,167	**2x30,00**	1-617-8,11-12



10.0VA Type EI 48/16.5

Electrical Parameters

Input

Primary Voltage	230 Vac
Frequency	50-60 Hz

Output

Output Power	10.0 VA

Environment

Ambient Temperature Max.	40°c

Safty and Protection

Protection Index	IP 00
Safety Class	II
Short Circuit Strength	Non Short-Circuit Proof

Test

Test Voltage	4000V / 50 Hz (Between Input and Output)

Design

Features	Potted Under Vacuum Split-Bobbin Winding
Acc. to	VOE 0570 ı EN 61558

Mechanical Parameters

Terminal and Mounting

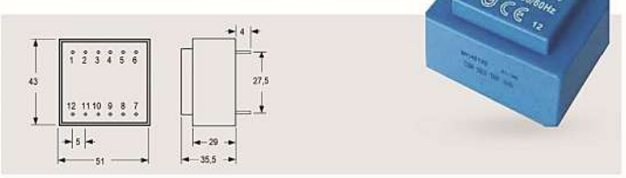
Terminals	Pins for printed circuit boards

Measures

Pin [0]	0.8 mm
Core Type	EI 48/16.5

Detailed Electrical Parameters

El-Kom Code	Secondary [V]	Current [A]	No-Load [Output]	Pin Pr/Sec
RN148121	6	1,667	7,50	1-6/8-11
RN148122	7,5	1,333	9,38	1-6/8-11
RN148123	9	1,111	11,25	1-6/8-11
RN148124	12	0,833	15,00	1-6/8-11
RN148125	15	0,667	18,75	1-6/8-11
RN148126	18	0,556	22,50	1-6/8-11
RN148127	24	0,417	30,00	1-6/8-11
RN148128	30	0,333	37,50	1-6/8-11
RN148141	2x6	2 x 0,833	2 x 7,50	1-6/7-8, 11-12
RN148142	2 x 7,5	2 x 0,667	2 x 9,38	1-6/7-8,11-12
RN148143	2x9	2x 0,556	2 x 11,25	1-6/7-8,11-12
RN148144	2 x 12	2 x 0,417	2 x 15,00	1-6/7-811-12
RN148145	2 x 15	2 x 0,333	2 x 18,75	1-6/7-8, 11-12
RN148146	2 x 18	2 x 0,278	2 x 22,50	1-6/7-811-12
RN148147	2 x 24	2 x 0,208	2 x 30,00	1-6/7-8,11-12



12.0VA Type EI 48/20.5

Electrical Parameters

Input

Primary Voltage	230 Vac
Frequency	50-60 Hz

Output

Output Power	12.0 VA

Environment

Ambient Temperature Max.	40°c

Safty and Protection

Protection Index	IP 00
Safety Class	II
Short Circuit Strength	Non Short-Circuit Proof

Test

Test Voltage	4000V / 50 Hz (Between Input and Output)

Design

Features	Potted Under Vacuum Split-Bobbin Winding
Acc. to	VOE 0570 / EN 61558

Mechanical Parameters

Terminal and Mounting

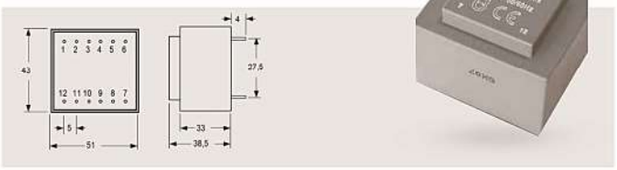
Terminals	Pins for printed circuit boards

Measures

Pin [0]	0.8mm
Core Type	EI 48/20.5

Detailed Electrical Parameters

El-Korn Code	Secondary [V]	Current [A]	No-Load [Output]	Pin Pr/Sec
RN148221	6	2,000	7,80	1-6/8-11
RN148222	7,5	1,600	9,75	1-6/8-11
RN148223	9	1,333	11,70	1-6/8-11
RN148224	12	1,000	15,60	1-6/8-11
RN148225	15	0,800	19,50	1-6/8-11
RN148226	18	0,667	23,40	1-6/8-11
RN148227	24	0,500	31,20	1-6/8-11
RN148228	30	0,400	39,00	1-6/8-11
RN148241	2x6	2 x 1,000	2 x 7,80	1-6/7-8,11-12
RN148242	2 x 7,5	2 x 0,800	2 x 9,75	1-6/7-8,11-12
RN148243	2x9	2 x 0,667	2 x 11,70	1-6/7-8,11-12
RN148244	2 x 12	2 x 0,500	**2 x 15,60**	1-6/7-8,11-12
RN148245	**2 x 15**	**2 x 0,400**	**2 x 19,50**	1-6/7-8,11-12
RN148246	2x 18	**2 x 0,333**	**2 x 23,40**	1-6/7-8,11-12
RN148247	2x24	**2 x 0,250**	**2 x 31,20**	1-6/7-8,11-12



16.0VA Type EI 54/19

Electrical Parameters

Input

Primary Voltage	230 Vac
Frequency	50-60 Hz

Output

Output Power	16.0 VA

Environment

Ambient Temperature Max.	40°c

Safty and Protection

Protection Index	IP 00
Safety Class	II
Short Circuit Strength	Non Short-Circuit Proof

Test

Test Voltage	4000V / 50 Hz (Between Input and Output)

Design

Features	Potted Under Vacuum Split-Bobbin Winding
Acc. to	VOE 0570 / EN 61558

Mechanical Parameters

Terminal and Mounting

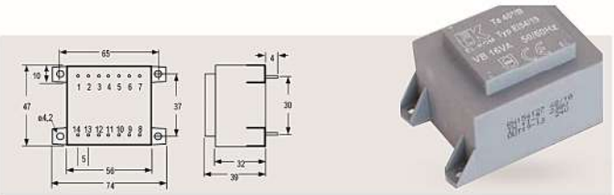
Terminals	Pins for printed circuit boards

Measures

Pin [0]	0.8mm
Core Type	EI 54/19

Detailed Electrical Parameters

El-Korn Code	Secondary [V]	Current [A]	No-Load [Output]	Pin Pr/Sec
RN154121	6	2,667	7,80	1-7/9-13
RN154122	7,5	2,133	9.75	1-7/9-13
RN154123	9	1,778	11,70	1-7/9-13
RN154124	12	1,333	15,60	1-7/9-13
RN154125	15	1,067	19,50	1-7/9-13
RN154126	18	0,889	23,40	1-7/9-13
RN154127	24	0,667	31,20	1-7/9-13
RN154128	30	0,533	39,00	1-7/9-13
RN154141	2x6	2 x 1,333	2 x 7,80	1-7/8-9,13-14
RN154142	**2 x** 7,5	2 x 1,067	2 x 9,75	1-7/8-9,13-14
RN154143	2x9	2 x 0,889	2x11,70	1-7/8-9,13-14
RN154144	2 x 12	2 x 0,667	2 x 15,60	1-7/8-9,13-14
RN154145	**2 x** 15	2 x 0,533	2 x 19,50	1-7/8-9,13-14
RN154146	2 x 18	2 x 0,444	2 x 23,40	1-7/8-9,13-14
RN154147	**2 x 24**	2 x 0,333	2 x 31,20	1-7/8-9,13-14



Encapsulated Safety Isolating Trsnsformer

2.0VA Type EI 30/15.5

Electrical Parameters

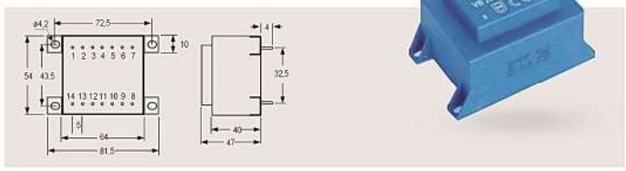
Input	
Primary Voltage	230 Vac
Frequency	50-60 Hz
Output	
Output Power	20.0 VA
Environment	
Ambient Temperature Max.	40°c
Safty and Protection	
Protection Index	IP 00
Safety Class	11
Short Circuit Strength	Non Short-Circuit Proof
Test	
Test Voltage	4000V / 50 Hz (Between Input and Output)
Design	
Features	Potted Under Vacuum Split-Bobbin Winding
Acc. to	VOE 0570 | EN 61558

Mechanical Parameters

Terminal and Mounting	
Terminals	Pins for printed circuit boards
Measures	
Pin [0]	1.0 mm
Core Type	EI 60/21

Detailed Electrical Parameters

EI-Korn Code	Secondary [V]	Current [A]	No-Load [Output]	Pin Pr/Sec
RN160221	6	3,333	7,80	1-7/9-13
RN160222	7,5	2.667	9,75	1-7/9-13
RN160223	9	2,222	11,70	1-7/9-13
RN160224	12	1,667	15,60	1-7/9-13
RN160225	15	1,333	19,50	1-7/9-13
RN160226	18	1,111	23,40	1-7/9-13
RN160227	24	0,833	31,20	1-7/9-13
RN160228	30	0,667	39,00	1-7/9-13
RN160241	2x6	2 x 1,667	2 x 7,80	1-7/8-10,12-14
RN160242	2 x 7,5	2 x 1,333	2 x 9.75	1-7/8-10,12-14
RN160243	2x9	2x1,111	2 x 11,70	1-7/8-10,12-14
RN160244	2 x 12	2 x 0,833	2 x 15,60	1-7/8-10,12-14
RN160245	2 x 15	2 x 0,667	2x 19,50	1-7/8-10,12-14
RN160246	2 x 18	2 x 0,556	2 x 23,40	1-7/8-10,12-14
RN160247	2 x 24	2 x 0,417	2 x 31,20	1-7/8-10,12-14



25.0VA Type EI 60/25

Electrical Parameters

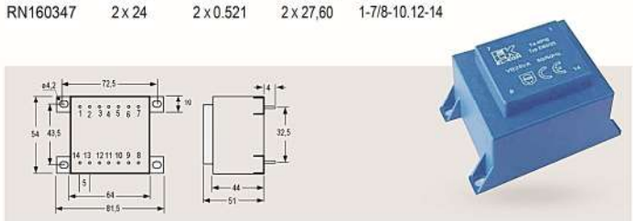
Input	
Primary Voltage	230 Vac
Frequency	50-60 Hz
Output	
Output Power	25.0 VA
Environment	
Ambient Temperature Max.	40°c
Safty and Protection	
Protection Index	IP 00
Safety Class	II
Short Circuit Strength	Non Short-Circuit Proof
Test	
Test Voltage	4000V / 50 Hz (Between Input and Output)
Design	
Features	Potted Under Vacuum Split-Bobbin Winding
Acc. to	VOE 0570 | EN 61558

Mechanical Parameters

Terminal and Mounting	
Terminals	Pins for printed circuit boards
Measures	
Pin [0]	1.0mm
Core Type	EI 60/25

Detailed Electrical Parameters

EI-Korn Code	Secondary [V]	Current [A]	No-Load [Output]	Pin Pr/Sec
RN160321	6	4,167	6,90	1-7/9-13
RN160322	7,5	3,333	8,63	1-7/9-13
RN160323	9	2,778	10.35	1-7/9-13
RN160324	12	2,083	13,80	1-7/9-13
RN160325	15	1,667	17,25	1-7/9-13
RN160326	18	1,389	20,70	1-7/9-13
RN160327	24	1,042	27,60	1-7/9-13
RN160328	30	0,833	34,50	1-7/9-13
RN160341	2x6	2 x 2,083	2 x 6,90	1-7/8-10,12-14
RN160342	2 x 7,5	2 x 1,667	2 x 8,63	1-7/8-10,12-14
RN160343	2x9	2 x 1,389	2 x 10,35	1-7/8-10,12-14
RN160344	2 x 12	2 x 1,042	2 x 13:80	1-7/8-10,12-14
RN160345	2 x 15	2 x 0,833	2 x 17,25	1-7/8-10,12-14
RN160346	2 x 18	2 x 0.694	2 x 20,70	1-7/8-10,12-14
RN160347	2 x 24	2 x 0.521	2 x 27,60	1-7/8-10.12-14



30.0VA Type EI 60/30

Electrical Parameters

Input

Primary Voltage	230 Vac
Frequency	50-60 Hz

Output

Output Power	30.0 VA

Environment

Ambient Temperature Max.	40°c

Safty and Protection

Protection Index	IP 00
Safety Class	11
Short Circuit Strength	Non Short-Circuit Proof

Test

Test Voltage	4000V / 50 Hz (Between Input and Output)

Design

Features	Potted Under Vacuum Split-Bobbin Winding
Acc. to	VOE 0570 | EN 61558

Mechanical Parameters

Terminal and Mounting

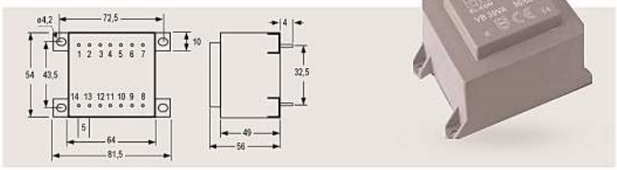
Terminals	Pins for printed circuit boards

Measures

Pin [0]	1.0 mm
Core Type	EI 60/30

Detailed Electrical Parameters

El-Kom Code	Secondary [V]	Current [A]	No-Load [Output]	Pin Pr/Sec
RN160421	6	5,000	6,84	1-7/9-13
RN160422	7,5	4,000	8,55	1-7/9-13
RN160423	9	3,333	10,26	1-7/9-13
RN160424	12	2,500	13,68	1-7/9-13
RN160425	15	2,000	17,10	1-7/9-13
RN160426	18	1,667	20,52	1-7/9-13
RN160427	24	1.250	27,36	1-7/9-13
RN160428	30	1,000	34,20	1-7/9-13
RN160441	2x6	2 x 2,500	2 x 6,84	1-7/8-10,12-14
RN160442	2 x 7,5	2 x 2,000	2 x 8,55	1-7/8-10,12-14
RN160443	2x9	2 x 1,667	2 x 10,26	1-7/8-10,12-14
RN160444	2 x 12	2 x 1,250	2 x 13,68	1-7/8-10,12-14
RN160445	2 x 15	2 x 1,000	2 x 17,10	1-7/8-10,12-14
RN160446	2 x 18	2 x 0,833	2 x 20,52	1-7/8-10,12-14
RN160447	2 x 24	2 x 0,625	2 x 27,36	1-7/8-10,12-14



35.0VA Type EI 66/30

Electrical Parameters

Input

Primary Voltage	230 Vac
Frequency	50-60 Hz

Output

Output Power	35.0 VA

Environment

Ambient Temperature Max.	40°c

Safty and Protection

Protection Index	IP 00
Safety Class	II
Short Circuit Strength	Non Short-Circuit Proof

Test

Test Voltage	4000V / 50 Hz (Between Input and Output)

Design

Features	Potted Under Vacuum Split-Bobbin Winding
Acc. to	VOE 0570 | EN 61558

Mechanical Parameters

Terminal and Mounting

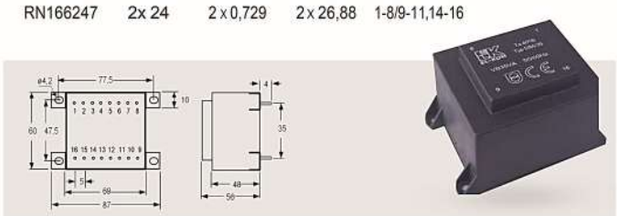
Terminals	Pins for printed circuit boards

Measures

Pin [0]	1.0 mm
Core Type	EI 66/30

Detailed Electrical Parameters

El-Korn Code	Secondary [V]	Current [A]	No-Load [Output]	Pin Pr/Sec
RN166221	6	5,833	6,72	1-8/10-15
RN166222	7,5	4,667	8,40	1-8/10-15
RN166223	9	3,889	10,08	1-8/10-15
RN166224	12	2,917	13,44	1-8/10-15
RN166225	15	2,333	16,80	1-8/10-15
RN166226	18	1,944	20,16	1-8/10-15
RN166227	24	1,458	26,88	1-8/10-15
RN166228	30	1,167	33,60	1-8/10-15
RN166241	2x6	2 x 2,917	2 x 6,72	1-8/9-11,14-16
RN166242	2 x 7,5	2 x 2,333	2 x 8,40	1-8/9-11,14-16
RN166243	2x9	2 x 1,944	2 x 10,08	1-8/9-11,14-16
RN166244	2 x 12	2 x 1,458	2 x 13,44	1-8/9-11,14-16
RN166245	2 x 15	2 x 1,167	2 x 16,80	1-8/9-11,14-16
RN166246	2 x 18	2 x 0,972	2 x 20,16	1-8/9-11,14-16
RN166247	2x 24	2 x 0,729	2 x 26,88	1-8/9-11,14-16



Encapsulated Safety Isolating Trsnsformer

45VA Type EI 66/35

Electrical Parameters

Input

Primary Voltage	230 Vac
Frequency	50-60 Hz

Output

Output Power	45.0 VA

Environment

Ambient Temperature Max.	40°c

Safty and Protection

Protection Index	IP 00
Safety Class	II
Short Circuit Strength	Non Short-Circuit Proof

Test

Test Voltage	4000V / 50 Hz (Between Input and Output)

Design

Features	Potted Under Vacuum Split-Bobbin Winding
Acc. to	VOE 0570 | EN 61558

Mechanical Parameters

Terminal and Mounting

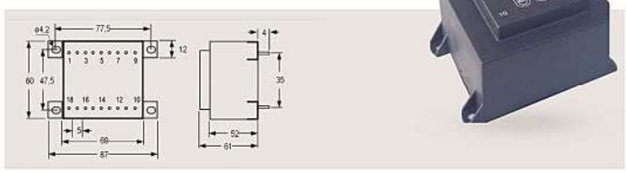
Terminals	Pins for printed circuit boards

Measures

Pin [0]	1.0 mm
Core Type	EI 66/35

Detailed Electrical Parameters

EI-Korn Code	Secondary [V]	Current [A]	No-Load [Output]	Pin Pr/Sec
RN166321	6	7,500	6,60	1-9/11-17
RN166322	7,5	6,000	8,25	1-9/11-17
RN166323	9	5,000	9,90	1-9/11-17
RN166324	12	3,750	13,20	1-9/11-17
RN166325	15	3,000	16,50	1-9/11-17
RN166326	18	2,500	19,80	1-9/11-17
RN166327	24	1,875	26,40	1-9/11-17
RN166328	30	1,500	33,00	1-9/11-17
RN166341	2x6	2 x 3,750	2x6,60	1-9/10-13,15-18
RN166342	2 x 7,5	2 x 3,000	2x8,25	1-9/10-13,15-18
RN166343	2x9	2 x 2,500	2x9,90	1-9/10-13,15-18
RN166344	2 x 12	2 x 1,875	2 x 13,20	1-9/10-13,15-18
RN166345	2 x 15	2 x 1,500	2 x 16,50	1-9/10-13,15-18
RN166346	2 x 18	2 x 1,250	2 x 19,80	1-9/10-13,15-18
RN166347	2x24	2 x 0,938	**2 x 26,40**	1-9/10-13,15-18



60.0VA Type EI 75/32

Electrical Parameters

Input

Primary Voltage	230 Vac
Frequency	50-60 Hz

Output

Output Power	60.0 VA

Environment

Ambient Temperature Max.	40°c

Safty and Protection

Protection Index	IP 00
Safety Class	II
Short Circuit Strength	Non Short-Circuit Proof

Test

Test Voltage	4000V / 50 Hz (Between Input and Output)

Design

Features	Potted Under Vacuum Split-Bobbin Winding
Acc. to	VOE 0570 | EN 61558

Mechanical Parameters

Terminal and Mounting

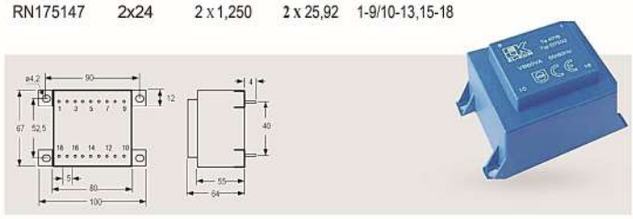
Terminals	Pins for printed circuit boards

Measures

Pin [0]	1.0 mm
Core Type	EI 75/32

Detailed Electrical Parameters

EI-Korn Code	Secondary [V]	Current [A]	No-Load [Output]	Pin Pr/Sec
RN175121	6	10,000	6,48	1-9/11-17
RN175122	7,5	8,000	8,10	1-9/11-17
RN175123	9	6,667	9,72	1-9/11-17
RN175124	12	5,000	12,96	1-9/11-17
RN175125	15	4,000	16,20	1-9/11-17
RN175126	18	3,333	19,44	1-9/11-17
RN175127	24	2,500	25,92	1-9/11-17
RN175128	30	2,000	32,40	1-9/11-17
RN175141	2x6	2 x 5,000	2 x 6,48	1-9/10-13,15-18
RN175142	2x 7,5	2 x 4,000	2 x 8,10	1-9/10-13,15-18
RN175143	2x9	2 x 3,333	2 x 9,72	1-9/10-13,15-18
RN175144	2 x 12	2 x 2,500	2 x 12,96	1-9/10-13,15-18
RN175145	2 x 15	2 x 2,000	2 x 16,20	1-9/10-13,15-18
RN175146	2 x 18	2 x 1,667	2 x 19,44	1-9/10-13,15-18
RN175147	2x24	2 x 1,250	2 x 25,92	1-9/10-13,15-18



30.0VA Type EI 60/30

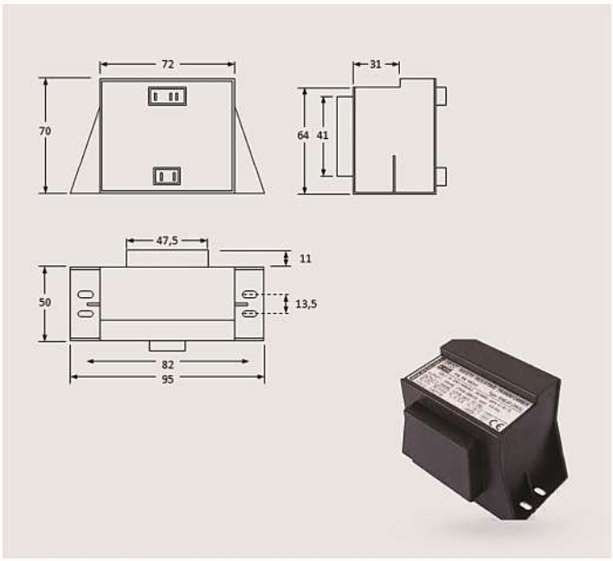
Electrical Parameters

Input	
Primary Voltage	0-230-400 Vac
Secondary	Optional
Frequency	50-60 Hz
Output	
Output Power	35.0 VA
Environment	
Ambient Temperature Max.	60°c
Safty and Protection	
Protection Index	IP 00
Safety Class	II
Protection	Thermal fuse (130°C)
Short Circuit Strength	Short-Circuit Proof
Test	
Test Voltage	5000V / 50 Hz (Between Input and Output)
Design	
Features	Potted Under Vacuum Split-Bobbin Winding Custom Design Available
Acc. to	VOE 0570 / EN 61558
Core Type	EI 66/30

Mechanical Parameters

Terminal and Mounting

Terminals — RAST 5 Connector System



55.0VA Type EI 78/27.5

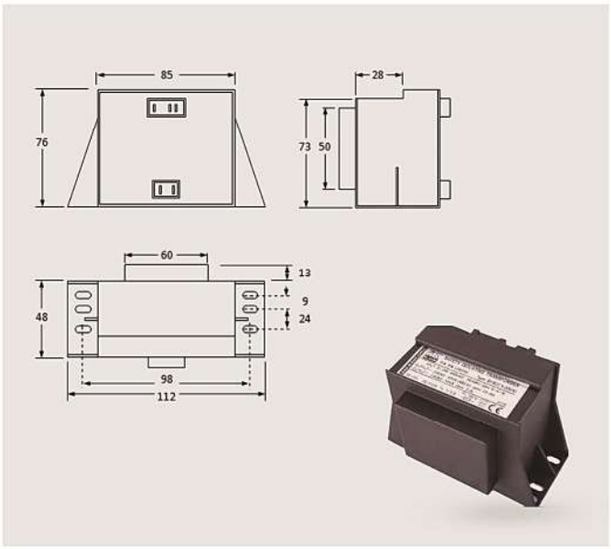
Electrical Parameters

Input	
Primary Voltage	0-230-400 Vac
Secondary	Optional
Frequency	50-60 Hz
Output	
Output Power	55.0 VA
Environment	
Ambient Temperature Max.	*10°c*
Safty and Protection	
Protection Index	IP 00
Safety Class	II
Protection	Thermal fuse (130°C)
Short Circuit Strength	Short-Circuit Proof
Test	
Test Voltage	5000V / 50 Hz (Between Input and Output)
Design	
Features	Potted Under Vacuum Split-Bobbin Winding Custom Design Available
Acc. to	VOE 0570 / EN 61558
Core Type	EI 78/27.5

Mechanical Parameters

Terminal and Mounting

Terminals — RAST 5 Connector System



Encapsulated Safety Isolating Trsnsformer

3.2VA Type EI 36/13.5

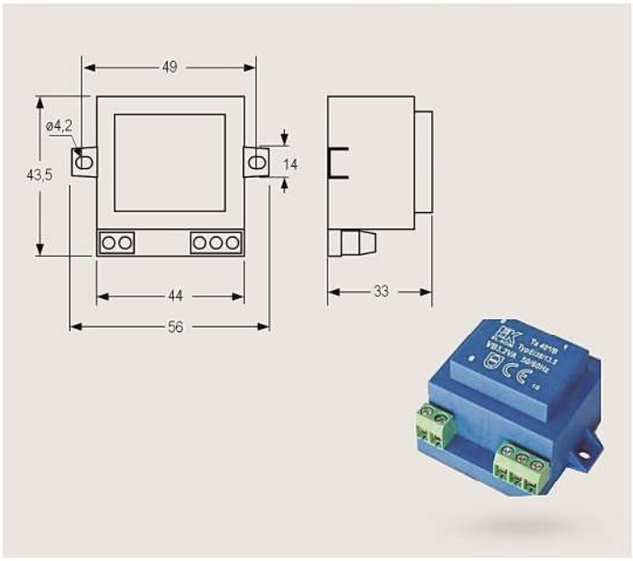
Electrical Parameters

Input	
Primary Voltage	230 Vac
Secondary	Optional
Frequency	50-60 Hz
Output	
Output Power	3.2VA
Environment	
Ambient Temperature Max.	40°c
Safty and Protection	
Protection Index	IP 00
Safety Class	II
Short Circuit Strength	Non Short-Circuit Proof
Test	
Test Voltage	4000V / 50 Hz (Between Input and Output)
Design	
Features	Potted Under Vacuum Split-Bobbin Winding
Acc. to	VOE 0570 / EN 61558
Core Type	EI 38/13.5

Mechanical Parameters

Terminal and Mounting

Terminals PCB Terminal Blocks-Cade Type



5.4VA Type EI 42/14.5

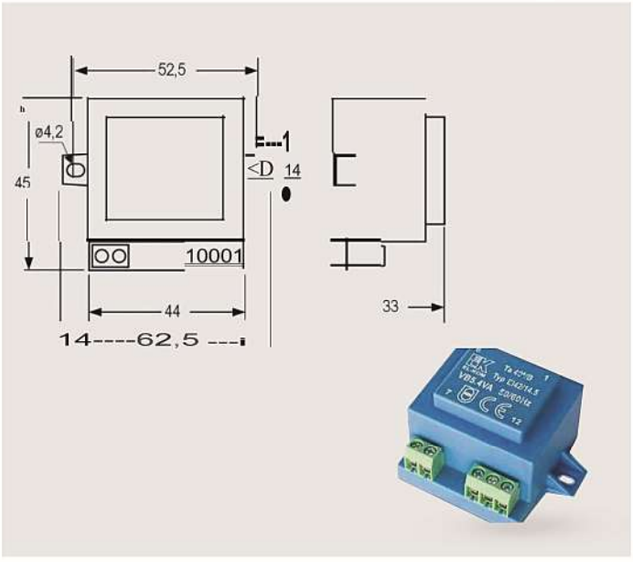
Electrical Parameters

Input	
Primary Voltage	230 Vac
Secondary	Optional
Frequency	50-60 Hz
Output	
Output Power	5.4VA
Environment	
Ambient Temperature Max.	40°c
Safty and Protection	
Protection Index	IP 00
Safety Class	II
Short Circuit Strength	Non Short-Circuit Proof
Test	
Test Voltage	4000V / 50 Hz (Between Input and Output)
Design	
Features	Potted Under Vacuum Split-Bobbin Winding
Acc. to	VOE 0570 / EN 61558
Core Type	EI 42/14.5

Mechanical Parameters

Terminal and Mounting

Terminals PCB Terminal Blocks-Cade Type



10.0VA Type EI 48/16.5

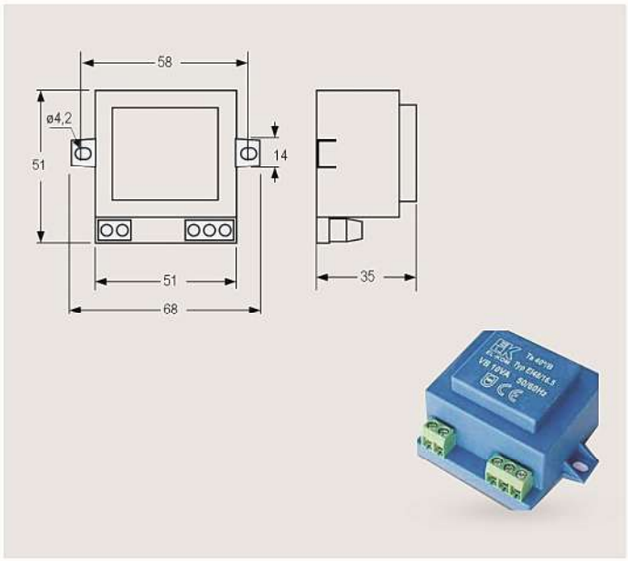
Electrical Parameters

Input	
Primary Voltage	230 Vac
Secondary	Optional
Frequency	50-60 Hz
Output	
Output Power	10.0 VA
Environment	
Ambient Temperature Max.	40°c
Safty and Protection	
Protection Index	IP 00
Safety Class	II
Short Circuit Strength	Non Short-Circuit Proof
Test	
Test Voltage	4000V / 50 Hz (Between Input and Output)
Design	
Features	Potted Under Vacuum Split-Bobbin Winding
Acc. to	VOE 0570 / EN 61558
Core Type	EI 48/16.5

Mechanical Parameters

Terminal and Mounting

Terminals — PCB Terminal Blocks-Cade Type



Encapsulated Safety Isolating Trsnsformer

Type OPEN

Electrical Parameters

Input

Working Voltage	220 Vac ± 20%
Frequency	50-60 Hz
Input Voltage	Optional

Output

Output Voltage	Optional
Output Power	50-2500 VA

Environment

Ambient Temperature Max.	50°C

Safty and Protection

Protection Index	IP 00
Safety Class	I
Short Circuit Strength	Non Short-Circuit Proof

Test

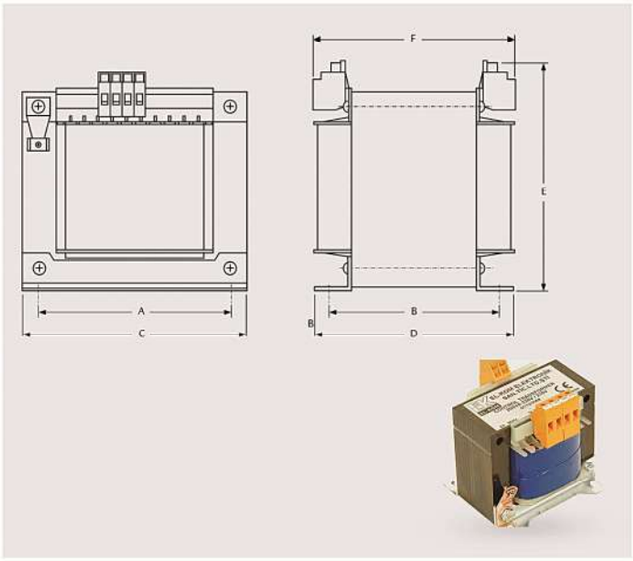
Test Voltage	4000V / 50 Hz

Design	(Between Input and Output)
Acc. to	DIN 61558
Protective Cover	Without
Features	Custom Design Available

Mechanical Parameters

Terminal and Mounting

Terminals	TSC10



Detailed Parameters

MODEL	Output Power (VA)	Type	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)
EL-0840050	50	84/29.5	70	51	**84**	69	95	80
EL-0840075	75	**84/29.5**	70	51	**84**	69	95	80
EL-0840100	100	**84/43.5**	70	65	**84**	83	95	**94**
EL-0960160	160	96/45.7	80	69	96	89	103	96
EL-0960200	200	96/45.7	80	69	96	89	103	96
EL-0960250	250	96/59.7	80	83	96	106	103	110
EL-1200320	320	120/41.7	100	69	120	93	119	92
EL-1200400	400	120/53.7	100	77	120	101	119	**104**
EL-1200500	500	120/73.7	100	97	120	121	119	**124**
EL-1500630	630	150/49.6	125	82	150	111	139	100
EL-1500800	800	150/66.6	125	99	150	**128**	139	117
EL-1501000	1000	150/92.6	125	125	150	**154**	139	143
EL-1921300	1300	192/70	160	109	192	145	167	120
EL-1921600	1600	**192/82**	160	121	192	157	167	132
EL-1922000	2000	192/105	160	**144**	192	180	167	155
EL-1922500	2500	192/120	160	159	192	195	167	170

Encapsulated Safety Isolating Trsnsformer

60.0VA Type EI 90/22

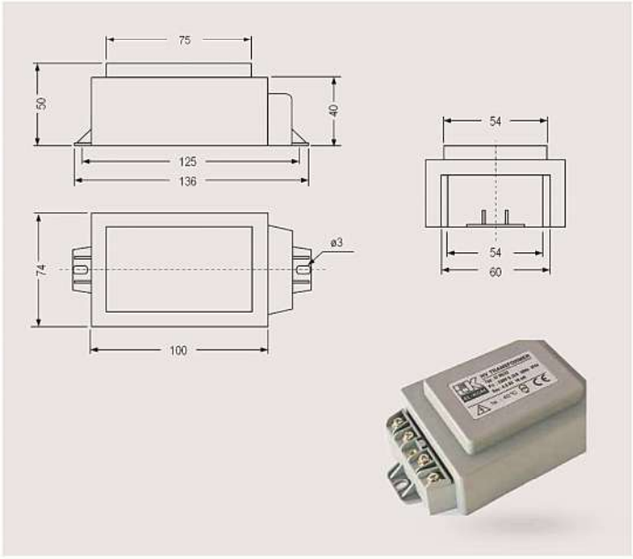
Electrical Parameters

Input	
Working Voltage	220 Vac ± 20%
Frequency	50-60 Hz
Max. Input Power	20VA
Output	
Output Voltage	3.000 Vac (max)
Output Current	10 mA (nom)
Environment	
Ambient Temperature Max.	40°c
Safty and Protection	
Protection Index	Current limited output
Short Circuit Strength	Short-Circuit Proof
Standarts	
Acc. to	EN 55015, EN 61547, EN 61000-3-2; EN 61000-3-3; EN61347-2-10; EN 61347-1
Design	
Core Type	EI 94/22

Mechanical Parameters

Terminal and Mounting

Terminals — Pri: cable; Sec: Barrier terminals



150.0VA Type EI 105/35

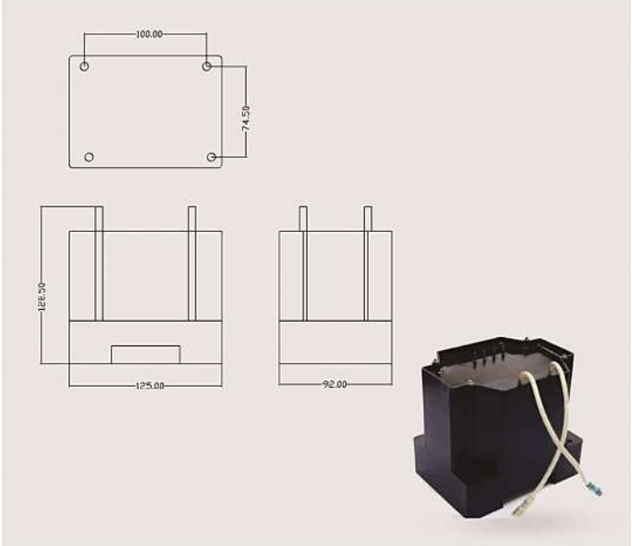
Electrical Parameters

Input	
Working Voltage	220 Vac ± 20%
Frequency	50-60 Hz
Max. Input Power	150VA
Output	
Output Voltage	10.000 Vac (max)
Output Current	10 mA (nom)
Environment	
Ambient Temperature Max.	60°c
Safty and Protection	
Protection Index	IP 00
Safety Class	11
Short Circuit Strength	Non Short-Circuit Proof
Standarts	
Acc. to	EN 55015, EN 61547, EN 61000-3-2; EN 61000-3-3; EN61347-2-10; EN 61347-1
Design	
Core Type	EI105/35

Mechanical Parameters

Terminal and Mounting

Terminals — Pri: RAST 2.5; Sec: H.V. cable



GOLF DIAR ELECTRONIC

Type UI 30

Electrical Parameters

Input

Primary Voltage	2x115 Vac
Frequency	50-60 Hz

Output

Output Power	See the Output Table !

Environment

Ambient Temperature Max.	40°c

Safty and Protection

Protection Index	IP 00
Safety Class	II
Short Circuit Strength	Non Short-Circuit Proof

Test

Test Voltage	4000V / 50 Hz (Between Input and Output)

Design

Features	Potted Under Vacuum Split-Bobbin Winding
Acc. to	VOE 0570 | EN 61558

Mechanical Parameters

Terminal and Mounting

Terminals	Pins for printed circuit boards

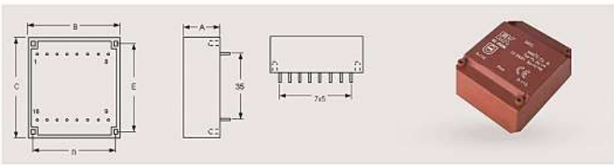
Measures

Pin [0]	0.8 mm
Core Type	UI30

Detailed Electrical Parameters

El-Korn Code	Voltage [V]	Current [A]	No-Load [Output]	El-Korn Code	Voltage [V]	Current [A]	No-Load [Output]
3VA				6VA			
RN230100	2x6	2x0,250	2x9,8	RN230300	2x6	2x0,500	2x8,2
RNZ?D100	2x9	2x0,167	2x14,7	RN230300	2x9	2x0,33.3	2x12,2
RN230112	2x12	2x0,125	2x19,5	RN230312	2x12	2x0,2fl>	2x16,2
RN230118	2x18	2x0,083	2x29,5	RN230318	2x18	2x0,167	2x24,2
RN230124	2x24	2x0,063	2x39,2	RN230324	2x24	2x0,125	2x32,2
4VA				9VA			
RN230'200	2x6	2x0,33.3	2x9,4	RN230400	2x6	2x0,833	2x8,0
RN230'200	2x9	2x0,222	2x14,0	RN230400	2x9	2x0,556	2x12,0
RN230212	2x12	2x0,167	2x18,5	RN230412	2x12	2x0,417	2x16,0
RN230'218	2x18	2x0,111	2x28,0	RN230418	2x18	2x0,278	2x23,8
RN230'224	2x24	2x0,003	2x37,5	RN230424	2x24	2x0,200	2x31,8

Output Power	Type	A	B	C	D	E
3VA	UI30/5,5	17,0	**44,0**	**53,0**	**37,5**	**47,5**
4VA	**UI30/7,6**	**19,0**	**44,0**	**53,0**	**37,5**	**47,5**
6VA	UI30/10,7	**22,0**	**44,0**	**53,0**	**37,5**	**47,5**
10VA	**UI30/16,8**	**28,5**	**44,0**	**53,0**	**37,5**	**47,5**



Type UI 39

Electrical Parameters

Input

Primary Voltage	2x115 Vac
Frequency	50-60 Hz

Output

Output Power	See the Output Table !

Environment

Ambient Temperature Max.	40°c

Safty and Protection

Protection Index	IP 00
Safety Class	II
Short Circuit Strength	Non Short-Circuit Proof

Test

Test Voltage	4000V / 50 Hz (Between Input and Output)

Design

Features	Potted Under Vacuum Split-Bobbin Winding
Acc. to	VOE 0570 | EN 61558

Mechanical Parameters

Terminal and Mounting

Terminals	Pins for printed circuit boards

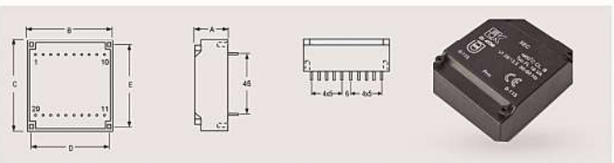
Measures

Pin [0]	0.8 mm
Core Type	UI 39

Detailed Electrical Parameters

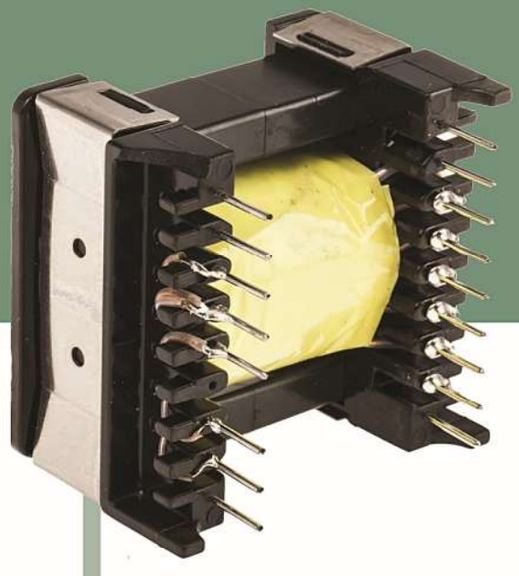
El-Korn Code	Voltage [V]	Current [A]	No-Load [Output]	El-Korn Code	Voltage [V]	Current [A]	No-Load [Output]
14VA				24VA			
RN239100	2x6	**2x1,167**	2x7,5	**RN239300**	2x6	**2x2,000**	2x7,2
RN239100	2x9	**2x0,778**	2x11,0	**RN239309**	2x9	2x1,33.3	2x10,6
RN239112	2x12	2x0,583	2x15,0	RN239312	2x12	**2x1,000**	2x14,2
RN239118	2x18	2x0,389	2x22,5	RN239318	2x18	**2x0,ffi7**	2x21,2
RN239124	**2x24**	2x0,292	**2x30,2**	**RN239324**	**2x24**	**2x0,500**	**2x28,4**
18VA				30VA			
RN239200	2x6	**2x0,1,500**	2x7,4	**RN239400**	2x6	**2x2,500**	**2x6,8**
RN239'209	2x9	**2x1,000**	2x11,0	**RN239409**	2x9	2x 1,007	2x10,2
RN239212	2x12	2x0,7fl>	2x14,8	**RN239412**	2x12	2x 1,2fl>	2x13,5
RN239218	2x18	**2x0,500**	**2x22,0**	**RN239418**	2x18	2x0,833	2x20,2
RN239224	**2x24**	2x0,375	2x29,5	**RN239424**	**2x24**	2x0,625	2x27,0

OutpotP r	Type	A	B	C	D	E
14 VA	UI39/10	**24,0**	**57,0**	**68,0**	**50,0**	**62,5**
18 VA	**UI39/13,5**	**27,0**	**57,0**	**68,0**	**50,0**	**62,5**
24VA	UI39/17,5	**31,0**	**57,0**	**68,0**	**50,0**	**62,5**
30VA	UI39/21	**35,0**	**57,0**	**68,0**	**50,0**	**62,5**



3

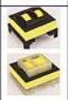
SWITCH MODE TRANSFORMERS



GOLFDIYARELECTRONIC

FERRITE CORE TRANSFORMERS RANGE

		Type	Ferrite Core	Nom. Output Power (*)	Number of Pins (PxS)	Page
01		RM4V33	RM4	4W	3x3	34
02		EE12H44	EF13/7/4	5W	4x4	34
03		EE13V55	EE13/6/6	6W	5x5	34
04		EE13VL55	EE13/6/6	6W	5x5	35
05		EP13H55	EP13	6W	5x5	35
06		EFD15H44	EFD15	10W	4x4	35
07		EE16H33	EE16/8/5	12W	3x3	36
08		EE16H44	EE16/8/5	12W	4x4	36
09		EE16HL44	EE16/8/5	12W	4x4	36
10		EE16H77	EE16/8/5	12W	7x7	37
11		EE16HL55	EE16/8/5	12W	5x5	37
12		EE16V33	EE16/8/5	12W	3x3	37
13		EE19V33	EE19/16/5	15W	3x3	38
14		EE19H44	EE19/16/5	15W	4x4	38
15		EE19V55	EE19/16/5	15W	5x5	38
16		EE19V34	EE19/16/5	15W	3x4	39
17		EE19VL46	EEL19	15W	4x6	39
18		EF20H44	E20/10/6	18W	4x4	39
19		EF20H55	E20/10/6	18W	5x5	40
20		EE20HL45	E20/10/6	18W	4x5	40
21		EF20HC55	E20/10/6	18W	5x5	40
22		EF20HD55	E20/10/6	18W	5x5	41
23		EF20V33	E20/10/6	18W	3x3	41
24		EF20V55	E20/10/6	18W	5x5	41
25		EE20VL55	E20/10/6	18W	5x5	42
26		EFD20H44	EFD20	18W	4x4	42
27		EFD20HS55	EFD20	18W	5x5	42
28		EP20H55	EP20	20W	5x5	43
29		EE22HL45	EE22/10/6	20W	4x5	43
30		EF25H55	E25/13/7	25W	5x5	43
31		EF25HD55	E25/13/7	25W	5x5	44
32		EF25HC55	E25/13/7	25W	5x5	44

		Type	Ferrite Core	Nom. Output Power (*)	Number of Pins (PxS)	Page
33		EF25HL67	E25/13/7	25W	6x7	44
34		EF25V55	E25/13/7	25W	5x5	45
35		EEL25HC55	EEL25	25W	5x5	45
36		EE25H66	E25/13/11	35W	6x6	45
37		EFD25H55	EFD25	25W	5x5	46
38		EER28V55	ER28/20/12	40W	5x5	46
39		EER28H66	ER28/28/11	50W	6x6	46
40		EER28V57	EER28	50W	5x7	47
41		EER28HL66	ER28L/34/12	70W	6x6	47
42		ETD29H77	ETD29/16/10	60W	7x7	47
43		ED29H66	EED2929	70W	6x6	48
44		EFD30H66	EFD30	40W	6x6	48
45		EE32HC66	EE32/16/9	50W	6x6	48
46		EE33V77	EE33/29/13	70W	7x7	49
47		ETD34HC77	ETD34/17/11	60W	7x7	49
48		EE35HC77	EE35/35/10	75W	7x7	49
49		ETD39HC88	ETD39	100W	8x8	50
49		EE40H77	EE40	100W	7x7	50
51		EE42H88	EE42/21/15	120W	8x8	50
52		EE42V99	EE42/21/15	120W	9x9	51
53		EE42VV99	EE42/21/20	150W	9x9	51
54		EE42H77	E42/21/15	150W	7x7	51
55		EE42HH77	E42/21/20	150W	7x7	52
56		EE65H77	EE65/65/27	150W	7x7	52
57		PQ26V66	PQ26/20	70W	6x6	52
58		PQ32V66	PQ32/30	100W	6x6	53
59		EL25HR55	EEL25	75W (LLC)	5x5	53
60		ETD34HR77	ETD34/17/11	150W (LLC)	7x7	53
61		EE35HR77	EE35/35/10	180W (LLC)	7x7	54
62		EM38HR66	EM38/36	180W (LLC)	6x6	54
63		ETD39HR77	ETD39/20/13	280W (LLC)	7x7	54
64		ETD39HR88	ETD39/36/13	280W (LLC)	8x8	55

Encapsulated Safety Isolating Trsnsformer

Type RM4V33

Electrical Parameters

Specifications

Max. Output Power	4W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

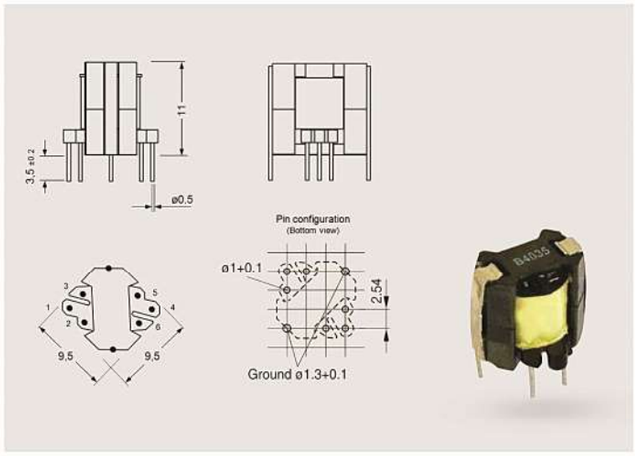
Ferrite Core Type	**RM4**
Effective Volume (Ve)	232 mm^3
Effective Length (le)	21 mm
Effective Area (Ae)	11 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

- High Efficiency and Low Loss
- Bobbin, UL94V-0 Recognized Materials
- RoHS Compliant
- Custom Design Available



Type EE12H44

Electrical Parameters

Specifications

Max. Output Power	5W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

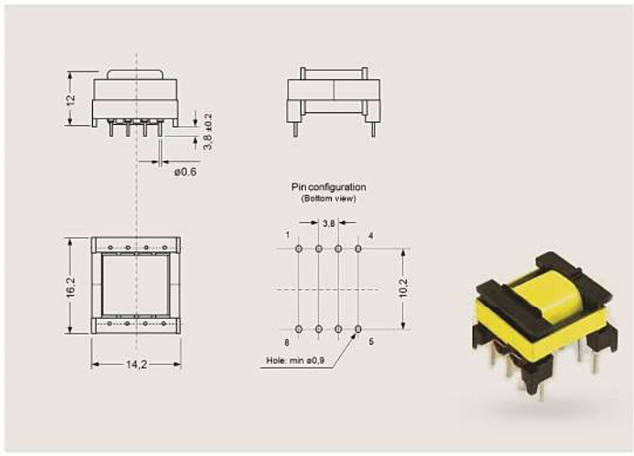
Ferrite Core Type	EF13/7/4
Effective Volume (Ve)	367 mm^3
Effective Length (le)	29,6 mm
Effective Area (Ae)	12,4 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

- High Efficiency and Low Loss
- Bobbin, UL94V-0 Recognized Materials
- RoHS Compliant
- Custom Design Available



Type EE13V55

Electrical Parameters

Specifications

Max. Output Power	6W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

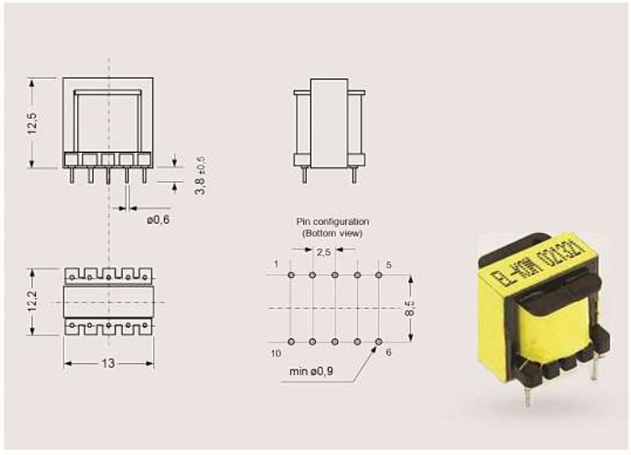
Ferrite Core Type	EE13/6/6
Effective Volume (Ve)	559 mm^3
Effective Length (le)	27,7 mm
Effective Area (Ae)	20,2 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

- High Efficiency and Low Loss
- Bobbin, UL94V-0 Recognized Materials
- RoHS Compliant
- Custom Design Available



Encapsulated Safety Isolating Trsnsformer

Type EE13VL55

Electrical Parameters

Specifications

Max. Output Power	6W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

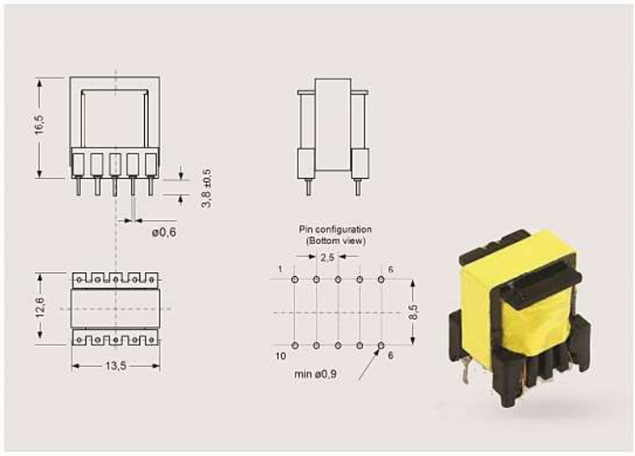
Ferrite Core Type	EE13/6/6
Effective Volume (Ve)	559 mm^3
Effective Length (le)	27,7 mm
Effective Area (Ae)	20,2 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

High Efficiency and Low Loss
Bobbin, UL94V-0 Recognized Materials
RoHS Compliant
Custom Design Available



Type EP13H55

Electrical Parameters

Specifications

Max. Output Power	6W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

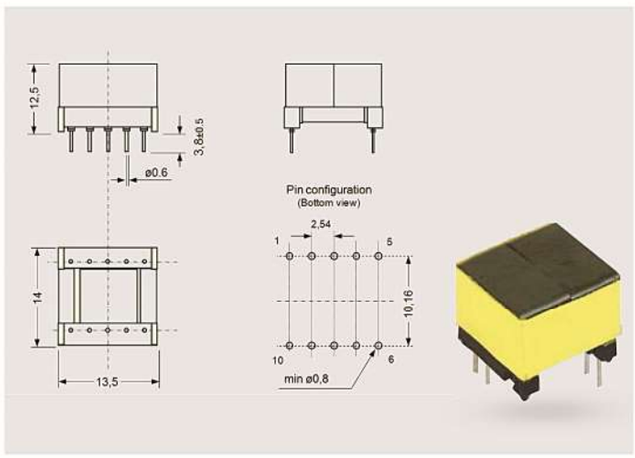
Ferrite Core Type	EP13
Effective Volume (Ve)	472 mm^3
Effective Length (le)	24,2 mm
Effective Area (Ae)	19,5 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

High Efficiency and Low Loss
Bobbin, UL94V-0 Recognized Materials
RoHS Compliant
Custom Design Available



Type EFD15H44

Electrical Parameters

Specifications

Max. Output Power	1OW (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

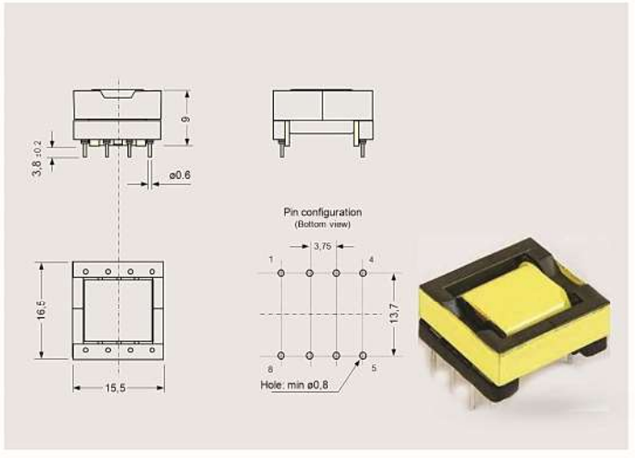
Ferrite Core Type	EFD15
Effective Volume (Ve)	510 mm^3
Effective Length (le)	34mm
Effective Area (Ae)	15 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

High Efficiency and Low Loss
Bobbin, UL94V-0 Recognized Materials
RoHS Compliant
Custom Design Available



Encapsulated Safety Isolating Trsnsformer

Type EE16H33

Electrical Parameters

Specifications

Max. Output Power	12W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

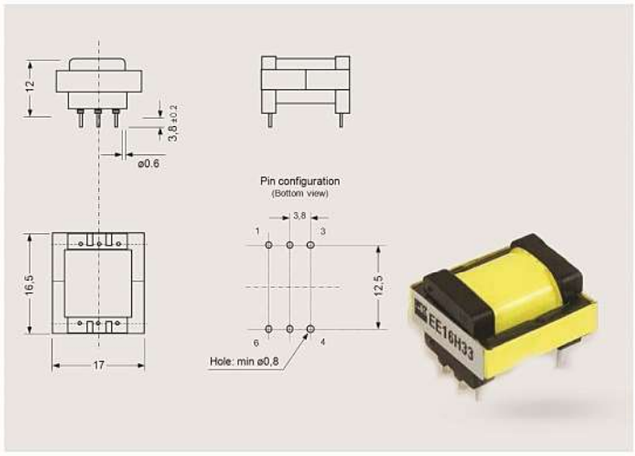
Ferrite Core Type	E/16/8/5
Effective Volume (Ve)	756 mm^3
Effective Length (le)	37,6 mm
Effective Area (Ae)	20,1 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

- High Efficiency and Low Loss
- Bobbin, UL94V-0 Recognized Materials
- RoHS Compliant
- Custom Design Available



Type EE16H44

Electrical Parameters

Specifications

Max. Output Power	12W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

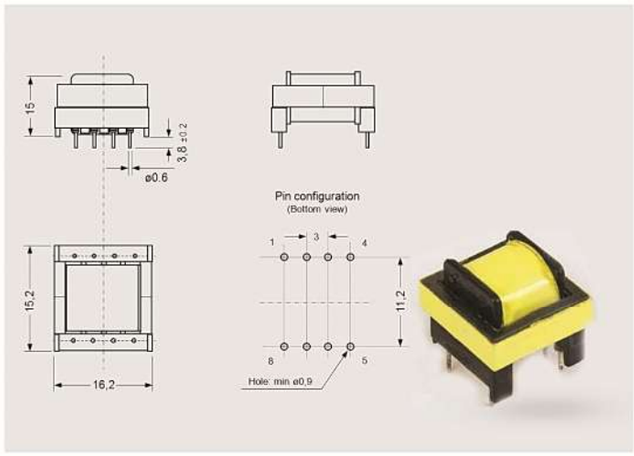
Ferrite Core Type	EE/16/15/4
Effective Volume (Ve)	756 mm^3
Effective Length (le)	37,6 mm
Effective Area (Ae)	20,1 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

- High Efficiency and Low Loss
- Bobbin, UL94V-0 Recognized Materials
- RoHS Compliant
- Custom Design Available



Type EE16HL44

Electrical Parameters

Specifications

Max. Output Power	12W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

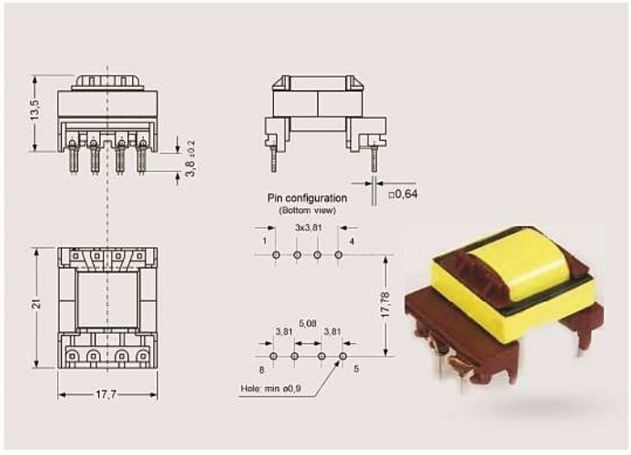
Ferrite Core Type	E/16/8/5
Effective Volume (Ve)	756 mm^3
Effective Length (le)	37,6 mm
Effective Area (Ae)	20,1 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

- High Efficiency and Low Loss
- Bobbin, UL94V-0 Recognized Materials
- RoHS Compliant
- Custom Design Available



Encapsulated Safety Isolating Trsnsformer

Type EE16H77

Electrical Parameters

Specifications

Max. Output Power	12W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

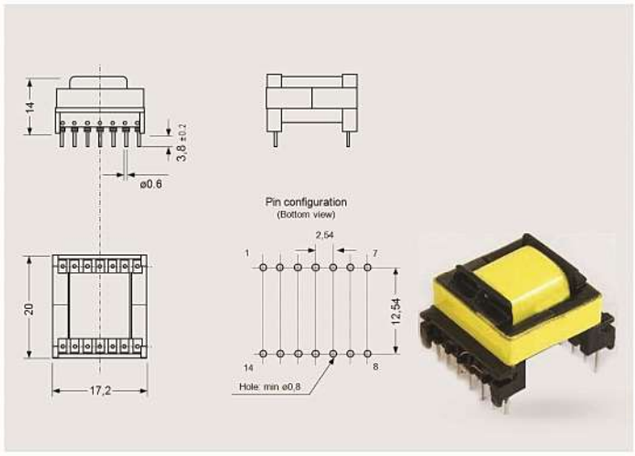
Ferrite Core Type	EE16/8/5
Effective Volume (Ve)	756 mm^3
Effective Length (le)	37,6 mm
Effective Area (Ae)	20,1 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

High Efficiency and Low Loss
Bobbin, UL94V-0 Recognized Materials
RoHS Compliant
Custom Design Available



Type EE16HL55

Electrical Parameters

Specifications

Max. Output Power	12W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

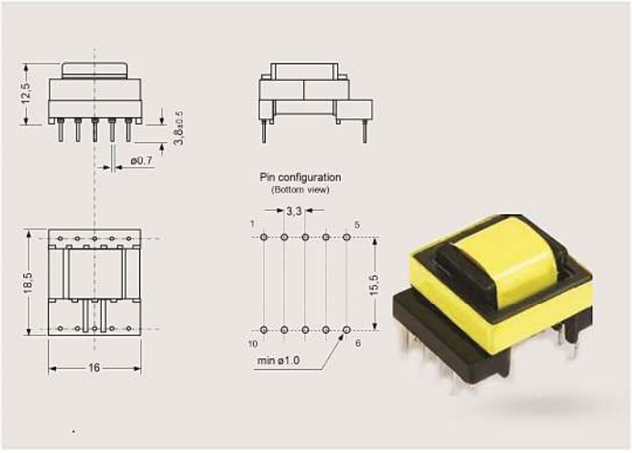
Ferrite Core Type	EE16/8/5
Effective Volume (Ve)	756 mm^3
Effective Length (le)	37,6 mm
Effective Area (Ae)	20,1 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

High Efficiency and Low Loss
Bobbin, UL94V-0 Recognized Materials
RoHS Compliant
Custom Design Available



Type EE16V33

Electrical Parameters

Specifications

Max. Output Power	12W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

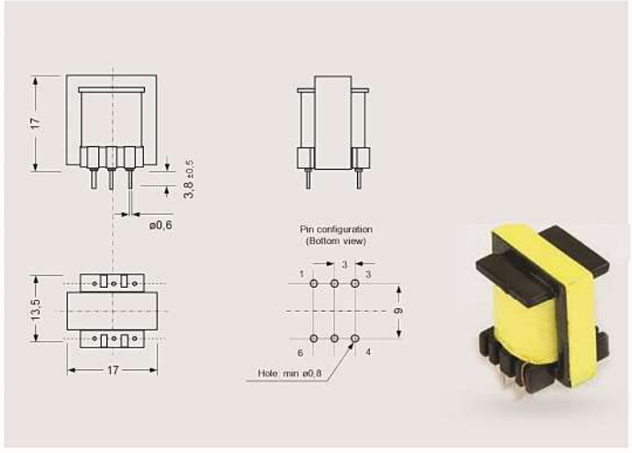
Ferrite Core Type	E16/8/5
Effective Volume (Ve)	756 mm^3
Effective Length (le)	37,6 mm
Effective Area (Ae)	20,1 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

High Efficiency and Low Loss
Bobbin, UL94V-0 Recognized Materials
RoHS Compliant
Custom Design Available



Encapsulated Safety Isolating Trsnsformer

Type EE19H33

Electrical Parameters

Specifications

Max. Output Power	15W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

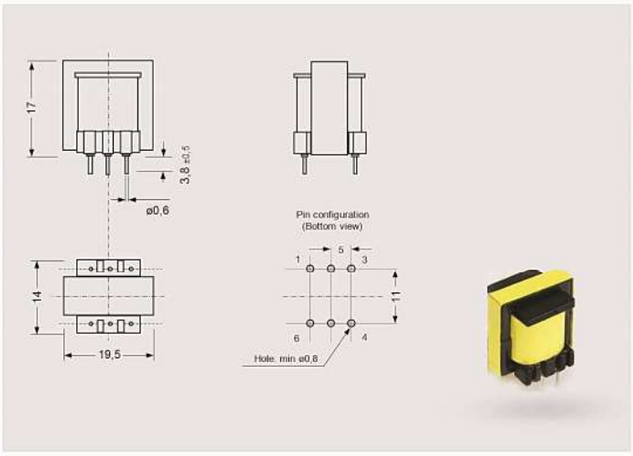
Ferrite Core Type	EE19/8/5
Effective Volume (Ve)	891 mm^3
Effective Length (le)	39,6 mm
Effective Area (Ae)	22,5 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

- High Efficiency and Low Loss
- Bobbin, UL94V-0 Recognized Materials
- RoHS Compliant
- Custom Design Available



Type EE19H44

Electrical Parameters

Specifications

Max. Output Power	15W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

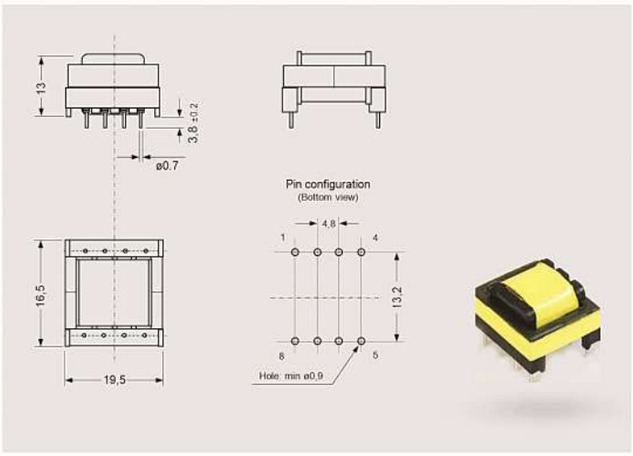
Ferrite Core Type	EE19/8/5
Effective Volume (Ve)	891 mm^3
Effective Length (le)	39,6 mm
Effective Area (Ae)	22,5 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

- High Efficiency and Low Loss
- Bobbin, UL94V-0 Recognized Materials
- RoHS Compliant
- Custom Design Available



Type EE19V55

Electrical Parameters

Specifications

Max. Output Power	15W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

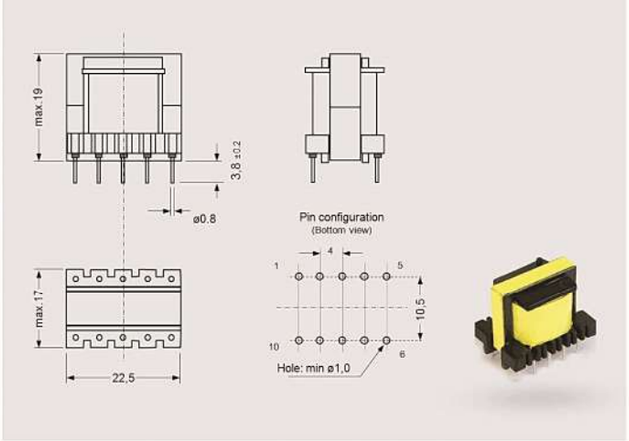
Ferrite Core Type	EE19/8/5
Effective Volume (Ve)	891 mm^3
Effective Length (le)	39,6 mm
Effective Area (Ae)	22,5 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

- High Efficiency and Low Loss
- Bobbin, UL94V-0 Recognized Materials
- RoHS Compliant
- Custom Design Available



Encapsulated Safety Isolating Trsnsformer

Type EE16H77

Electrical Parameters

Specifications

Max. Output Power	15W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

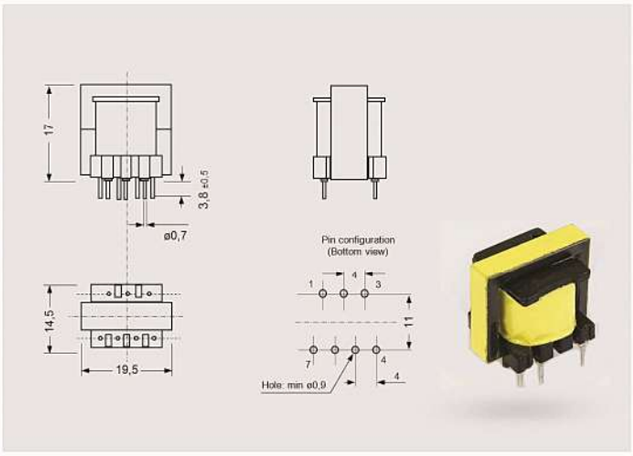
Ferrite Core Type	EE19/8/5
Effective Volume (Ve)	891 mm^3
Effective Length (le)	39,6 mm
Effective Area (Ae)	22,5 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

High Efficiency and Low Loss
Bobbin, UL94V-0 Recognized Materials
RoHS Compliant
Custom Design Available



Type EE16HL55

Electrical Parameters

Specifications

Max. Output Power	15W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

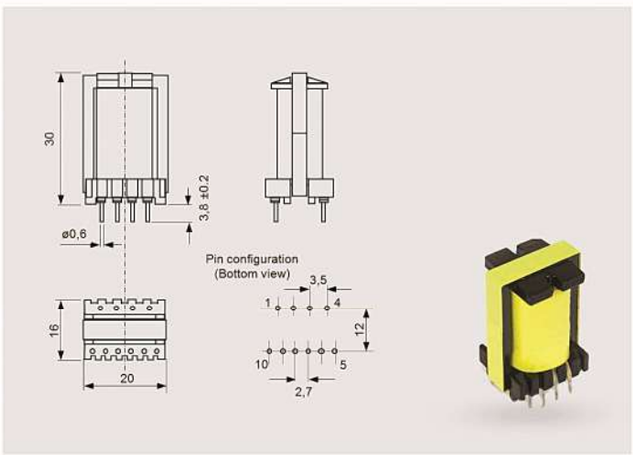
Ferrite Core Type	EEL19
Effective Volume (Ve)	750 mm^3
Effective Length (le)	37,5 mm
Effective Area (Ae)	20,1 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

High Efficiency and Low Loss
Bobbin, UL94V-0 Recognized Materials
RoHS Compliant
Custom Design Available



Type EE16V33

Electrical Parameters

Specifications

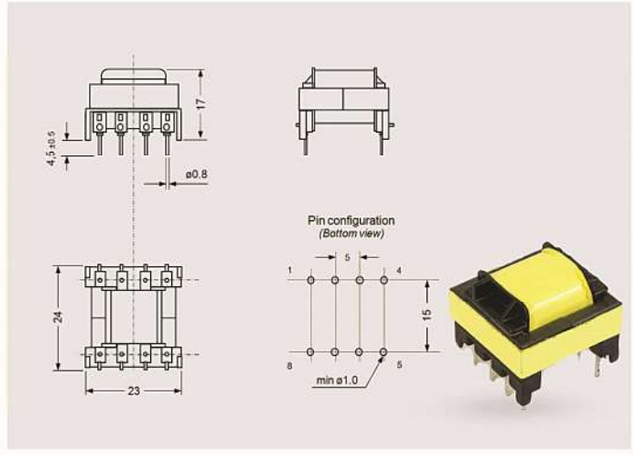
Max. Output Power	18W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

Ferrite Core Type	EF20
Effective Volume (Ve)	1490 mm^3
Effective Length (le)	46,3 mm
Effective Area (Ae)	32,1 mm^2

Environment

Operating Temperature	-20°C to + 80°C



Encapsulated Safety Isolating Trsnsformer

Type EF20H55

Electrical Parameters

Specifications

Max. Output Power	18W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

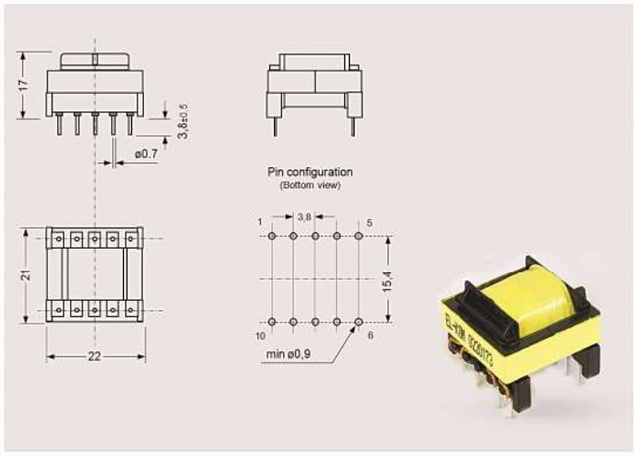
Ferrite Core Type	EF20 (E20/10/6)
Effective Volume (Ve)	1490 mm^3
Effective Length (le)	46,3 mm
Effective Area (Ae)	32,1 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

High Efficiency and Low Loss
Bobbin, UL94V-0 Recognized Materials
RoHS Compliant
Custom Design Available



Type EE20HL45

Electrical Parameters

Specifications

Max. Output Power	18W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

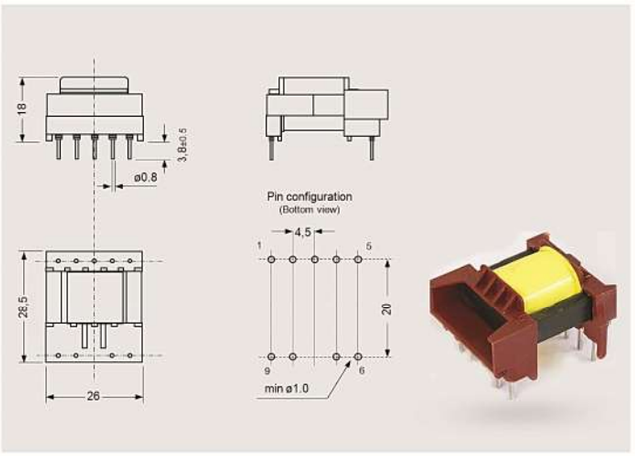
Ferrite Core Type	EF20 (E20/10/6)
Effective Volume (Ve)	1490 mm^3
Effective Length (le)	46,3 mm
Effective Area (Ae)	32,1 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

High Efficiency and Low Loss
Bobbin, UL94V-0 Recognized Materials
RoHS Compliant
Custom Design Available



Type EF20HC55

Electrical Parameters

Specifications

Max. Output Power	18W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

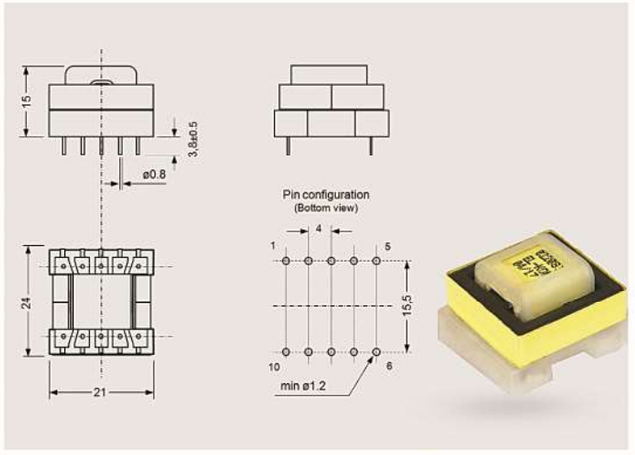
Ferrite Core Type	EF20 (E20/10/6)
Effective Volume (Ve)	1490 mm^3
Effective Length (le)	46,3 mm
Effective Area (Ae)	32,1 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

High Efficiency and Low Loss
Bobbin, UL94V-0 Recognized Materials
RoHS Compliant
Custom Design Available



Encapsulated Safety Isolating Trsnsformer

Type EF20

Electrical Parameters

Specifications

Max. Output Power	18W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

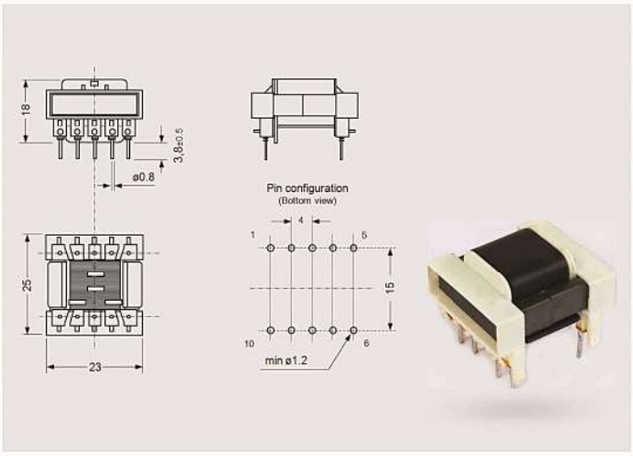
Ferrite Core Type	E20/10/6
Effective Volume (Ve)	1490 mm^3
Effective Length (le)	46,3 mm
Effective Area (Ae)	32,1 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

- High Efficiency and Low Loss
- Bobbin, UL94V-0 Recognized Materials
- RoHS Compliant
- Custom Design Available



Type EE16HL55

Electrical Parameters

Specifications

Max. Output Power	18W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

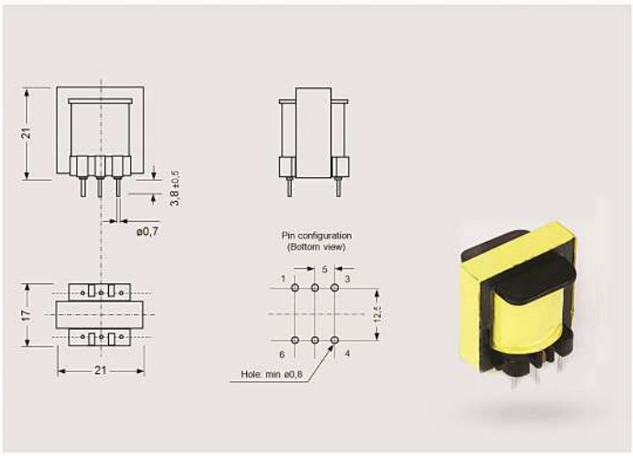
Ferrite Core Type	E20/10/6
Effective Volume (Ve)	1460 mm^3
Effective Length (le)	47mm
Effective Area (Ae)	31 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

- High Efficiency and Low Loss
- Bobbin, UL94V-0 Recognized Materials
- RoHS Compliant
- Custom Design Available



Type EE16V33

Electrical Parameters

Specifications

Max. Output Power	18W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

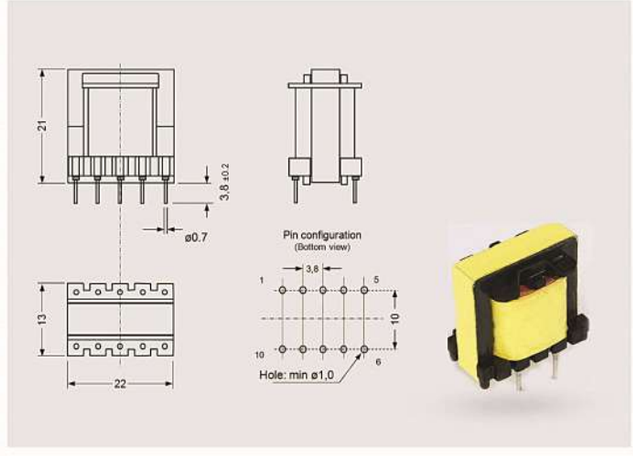
Ferrite Core Type	E20/10/6
Effective Volume (Ve)	1460 mm^3
Effective Length (le)	47mm
Effective Area (Ae)	31 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

- High Efficiency and Low Loss
- Bobbin, UL94V-0 Recognized Materials
- RoHS Compliant
- Custom Design Available



Encapsulated Safety Isolating Trsnsformer

Type EFD20H44

Electrical Parameters

Specifications

Max. Output Power	18W (flyback; 66kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

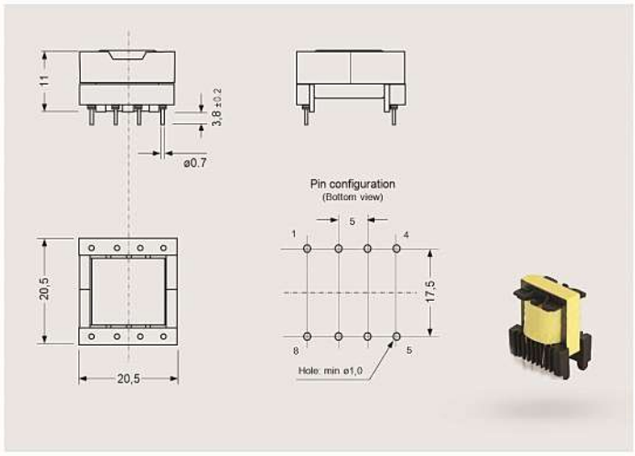
Ferrite Core Type	EE20/10/6
Effective Volume (Ve)	1460 mm^3
Effective Length (le)	47mm
Effective Area (Ae)	31 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

High Efficiency and Low Loss
Bobbin, UL94V-0 Recognized Materials
RoHS Compliant
Custom Design Available



Type EFD20HS55

Electrical Parameters

Specifications

Max. Output Power	18W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

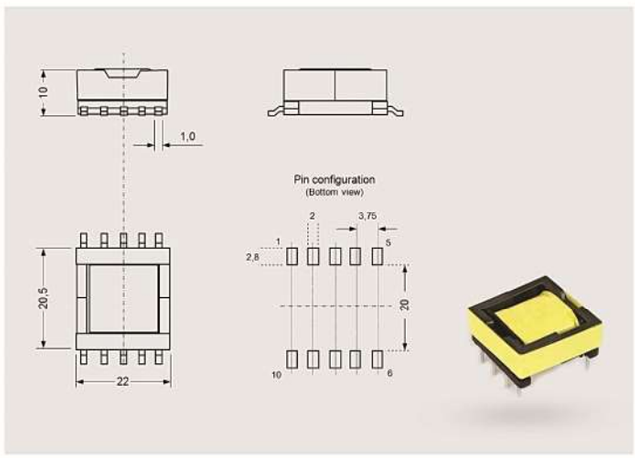
Ferrite Core Type	EFD20
Effective Volume (Ve)	1460 mm^3
Effective Length (le)	47mm
Effective Area (Ae)	31 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

High Efficiency and Low Loss
Bobbin, UL94V-0 Recognized Materials
RoHS Compliant
Custom Design Available



Type EP20H55

Electrical Parameters

Specifications

Max. Output Power	18W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

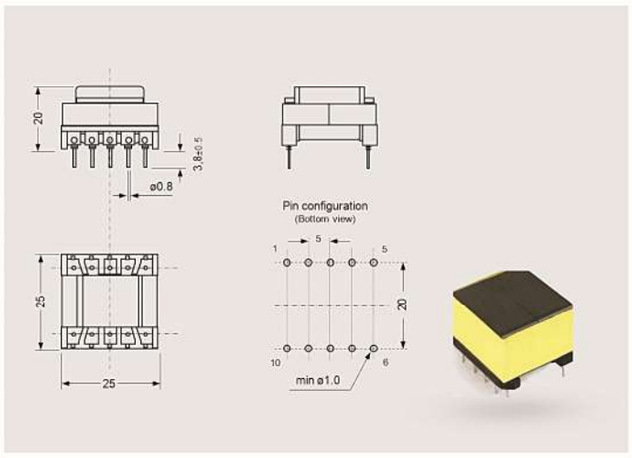
Ferrite Core Type	EFD20
Effective Volume (Ve)	1460 mm^3
Effective Length (le)	47mm
Effective Area (Ae)	31 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

High Efficiency and Low Loss
Bobbin, UL94V-0 Recognized Materials
RoHS Compliant
Custom Design Available



Encapsulated Safety Isolating Trsnsformer

Type EE22HL45

Electrical Parameters

Specifications

Max. Output Power	20W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

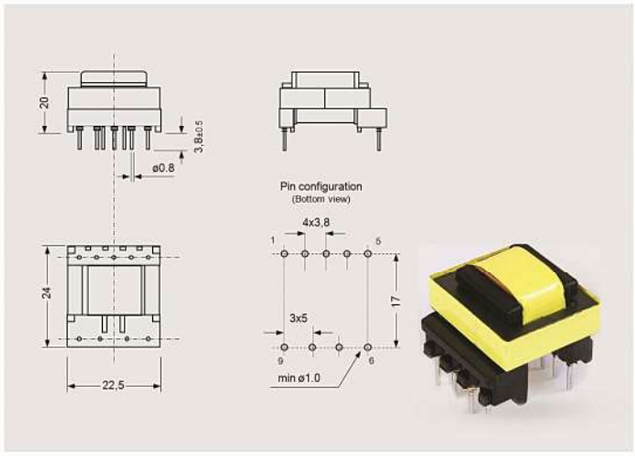
Ferrite Core Type	E22/10/6
Effective Volume (Ve)	1570 mm^3
Effective Length (le)	42,5 mm
Effective Area (Ae)	37mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

High Efficiency and Low Loss
Bobbin, UL94V-0 Recognized Materials
RoHS Compliant
Custom Design Available



Type EF25H55

Electrical Parameters

Specifications

Max. Output Power	25W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

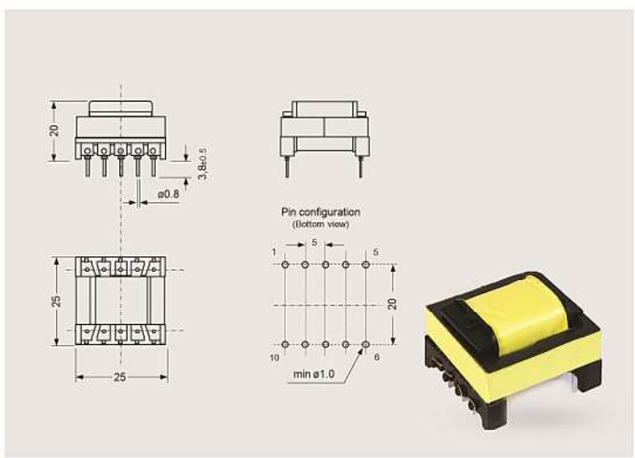
Ferrite Core Type	EF25 (E25/13/7)
Effective Volume (Ve)	3020 mm^3
Effective Length (le)	57,5 mm
Effective Area (Ae)	52,1 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

High Efficiency and Low Loss
Bobbin, UL94V-0 Recognized Materials
RoHS Compliant
Custom Design Available



Type EF25HD55

Electrical Parameters

Specifications

Max. Output Power	25W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

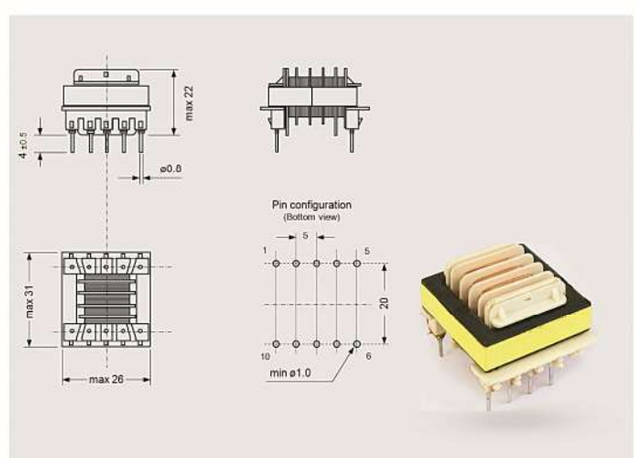
Ferrite Core Type	EF25 (E25/13/7)
Effective Volume (Ve)	3020 mm^3
Effective Length (le)	57,5 mm
Effective Area (Ae)	52,1 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

High Efficiency and Low Loss
Bobbin, UL94V-O Recognized Materials
RoHS Compliant
Custom Design Available



Encapsulated Safety Isolating Trsnsformer

Type EF25HC55

Electrical Parameters

Specifications

Max. Output Power	25W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

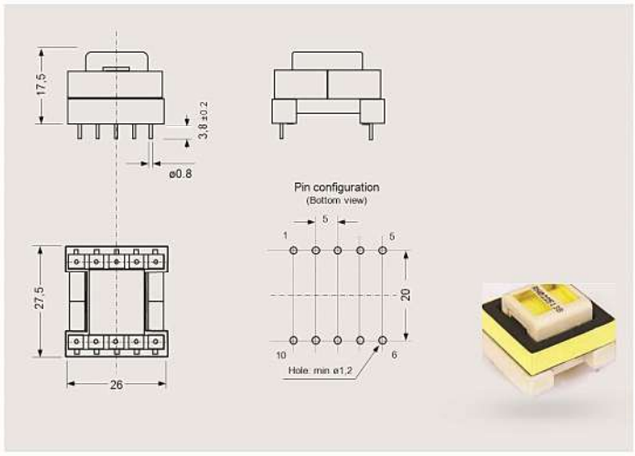
Ferrite Core Type	EF25 (E25/13/7)
Effective Volume (Ve)	3020 mm^3
Effective Length (le)	57,5 mm
Effective Area (Ae)	52,1 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

High Efficiency and Low Loss
Bobbin, UL94V-O Recognized Materials
RoHS Compliant
Custom Design Available



Type EF25HL67

Electrical Parameters

Specifications

Max. Output Power	25W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

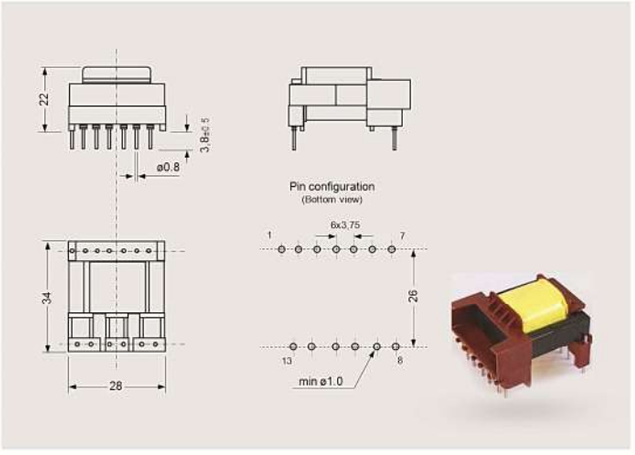
Ferrite Core Type	E25/13/7
Effective Volume (Ve)	3020 mm^3
Effective Length (le)	57,5 mm
Effective Area (Ae)	52,1 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

High Efficiency and Low Loss
Bobbin, UL94V-O Recognized Materials
RoHS Compliant
Custom Design Available



Type EP20H55

Electrical Parameters

Specifications

Max. Output Power	25W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

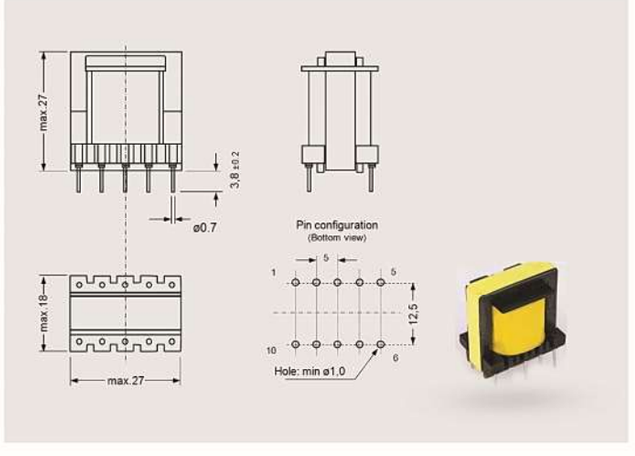
Ferrite Core Type	EF25 (E25/13/7)
Effective Volume (Ve)	3020 mm^3
Effective Length (le)	57,5 mm
Effective Area (Ae)	52,1 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

High Efficiency and Low Loss
Bobbin, UL94V-0 Recognized Materials
RoHS Compliant
Custom Design Available



Encapsulated Safety Isolating Trsnsformer

Type EE22HL45

Electrical Parameters

Specifications

Max. Output Power	25W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

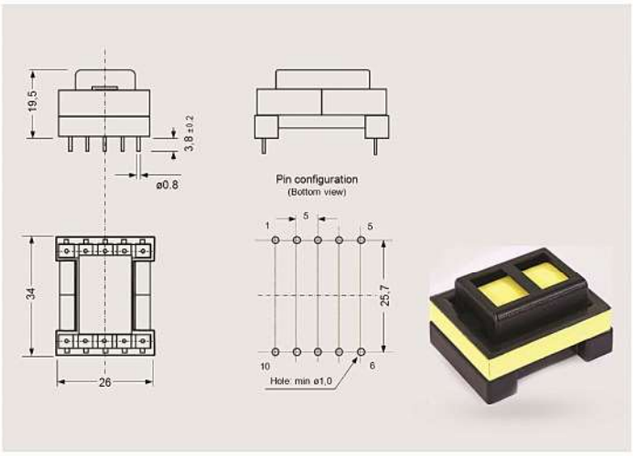
Ferrite Core Type	EEL25
Effective Volume (Ve)	3005 mm^3
Effective Length (le)	73,0 mm
Effective Area (Ae)	40,0 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

High Efficiency and Low Loss
Bobbin, UL94V-0 Recognized Materials
RoHS Compliant
Custom Design Available



Type EF25H55

Electrical Parameters

Specifications

Max. Output Power	30W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

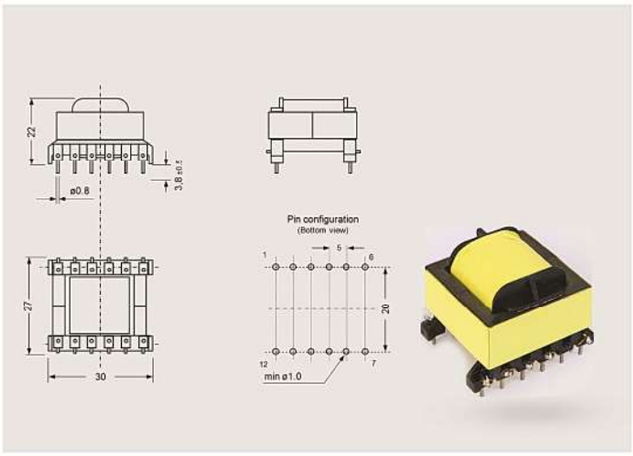
Ferrite Core Type	EFD25
Effective Volume (Ve)	3310 mm^3
Effective Length (le)	57mm
Effective Area (Ae)	58 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

High Efficiency and Low Loss
Bobbin, UL94V-0 Recognized Materials
RoHS Compliant
Custom Design Available



Type EF25HD55

Electrical Parameters

Specifications

Max. Output Power	30W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

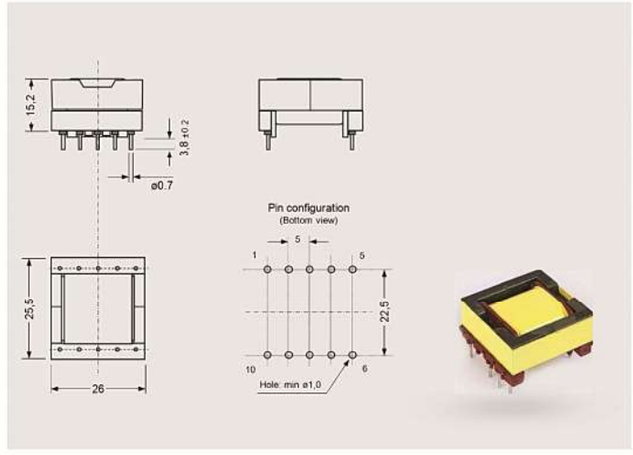
Ferrite Core Type	EFD25
Effective Volume (Ve)	3310 mm^3
Effective Length (le)	57mm
Effective Area (Ae)	58 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

High Efficiency and Low Loss
Bobbin, UL94V-0 Recognized Materials
RoHS Compliant
Custom Design Available



Encapsulated Safety Isolating Trsnsformer

Type EER28V55

Electrical Parameters

Specifications

Max. Output Power	40W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

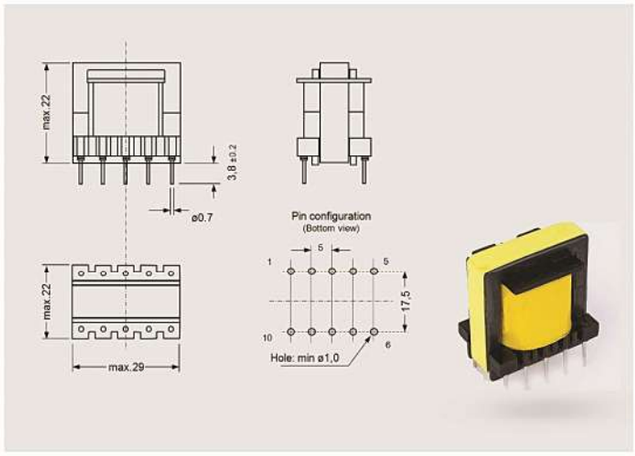
Ferrite Core Type	ER28/20/12
Effective Volume (Ve)	5260 mm³
Effective Length (le)	64,0 mm
Effective Area (Ae)	81,4 mm²

Environment

Operating Temperature	-20°C to + 80°C

Further Features

High Efficiency and Low Loss
Bobbin, UL94V-0 Recognized Materials
RoHS Compliant
Custom Design Available



Type EER28H66

Electrical Parameters

Specifications

Max. Output Power	50W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

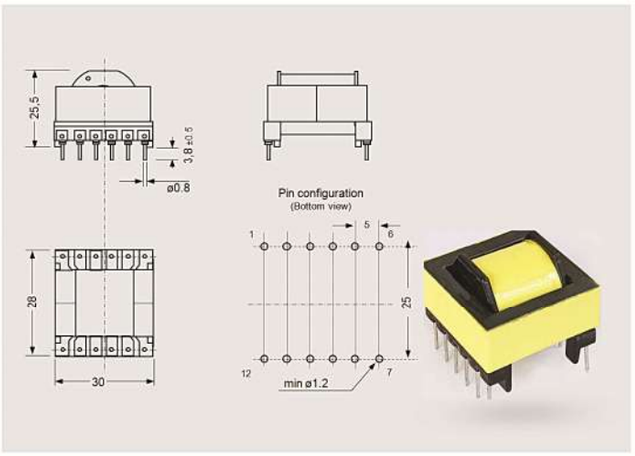
Ferrite Core Type	EER28/28/11
Effective Volume (Ve)	5410 mm³
Effective Length (le)	63mm
Effective Area (Ae)	86 mm²

Environment

Operating Temperature	-20°C to + 80°C

Further Features

High Efficiency and Low Loss
Bobbin, UL94V-0 Recognized Materials
RoHS Compliant
Custom Design Available



Type EER28V57

Electrical Parameters

Specifications

Max. Output Power	50W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

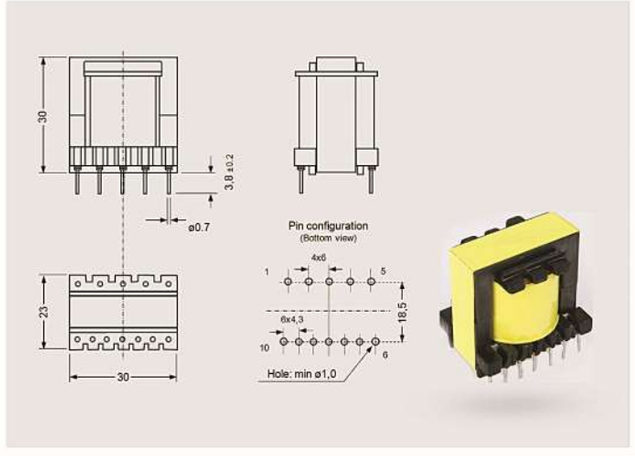
Ferrite Core Type	EER28
Effective Volume (Ve)	5350 mm³
Effective Length (le)	70,4 mm
Effective Area (Ae)	76mm²

Environment

Operating Temperature	-20°C to + 80°C

Further Features

High Efficiency and Low Loss
Bobbin, UL94V-0 Recognized Materials
RoHS Compliant
Custom Design Available



Encapsulated Safety Isolating Trsnsformer

Type EER28HL66

Electrical Parameters

Specifications

Max. Output Power	60W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

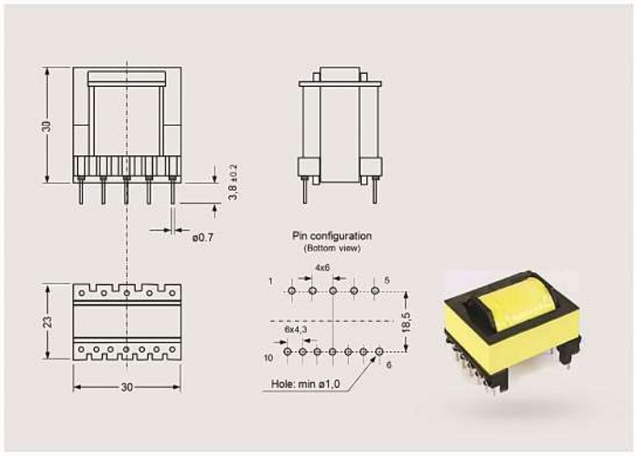
Ferrite Core Type	EER28/34/11
Effective Volume (Ve)	6735 mm^3
Effective Length (le)	76,15 mm
Effective Area (Ae)	73,8 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

High Efficiency and Low Loss
Bobbin, UL94V-0 Recognized Materials
RoHS Compliant
Custom Design Available



Type ETD29H77

Electrical Parameters

Specifications

Max. Output Power	60W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

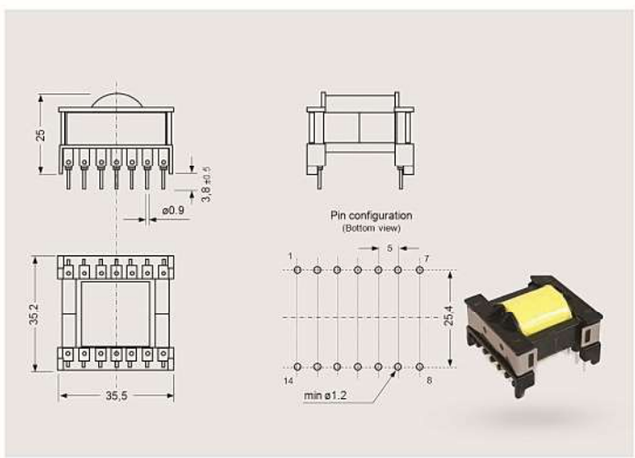
Ferrite Core Type	ETD29/16/10
Effective Volume (Ve)	5350 mm^3
Effective Length (le)	70,4 mm
Effective Area (Ae)	76mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

High Efficiency and Low Loss
Bobbin, UL94V-0 Recognized Materials
RoHS Compliant
Custom Design Available



Type ED29H66

Electrical Parameters

Specifications

Max. Output Power	70W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

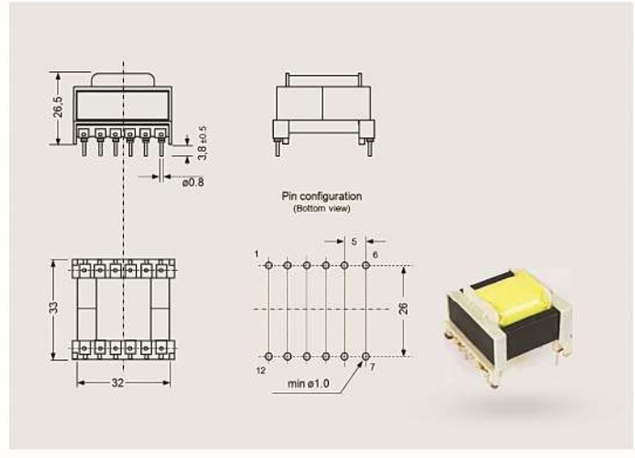
Ferrite Core Type	EE2929
Effective Volume (Ve)	5850 mm^3
Effective Length (le)	69,5 mm
Effective Area (Ae)	81,1 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

High Efficiency and Low Loss
Bobbin, UL94V-0 Recognized Materials
RoHS Compliant
Custom Design Available



Encapsulated Safety Isolating Trsnsformer

Type EFD30H66

Electrical Parameters

Specifications

Max. Output Power	60W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

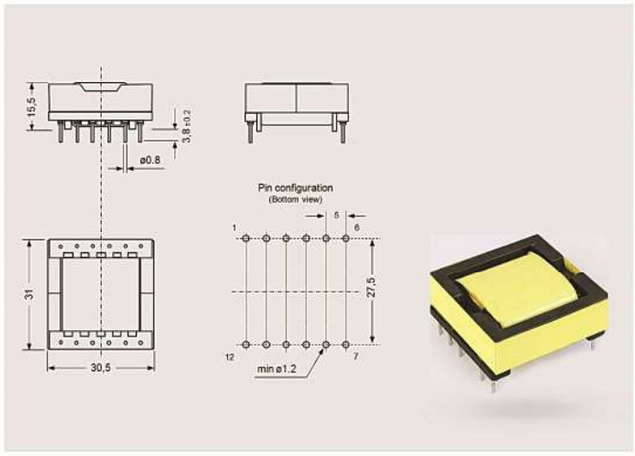
Ferrite Core Type	ETD34/17/11
Effective Volume (Ve)	7630 mm^3
Effective Length (le)	78,6 mm
Effective Area (Ae)	97,1 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

- High Efficiency and Low Loss
- Bobbin, UL94V-0 Recognized Materials
- RoHS Compliant
- Custom Design Available



Type EE32HC66

Electrical Parameters

Specifications

Max. Output Power	75W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

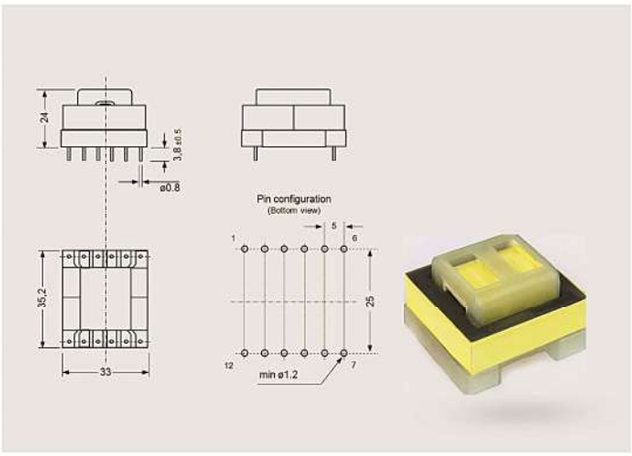
Ferrite Core Type	EE35/35/10
Effective Volume (Ve)	9670 mm^3
Effective Length (le)	81 mm
Effective Area (Ae)	120 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

- High Efficiency and Low Loss
- Bobbin, UL94V-0 Recognized Materials
- RoHS Compliant
- Custom Design Available



Type EE33V77

Electrical Parameters

Specifications

Max. Output Power	70W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

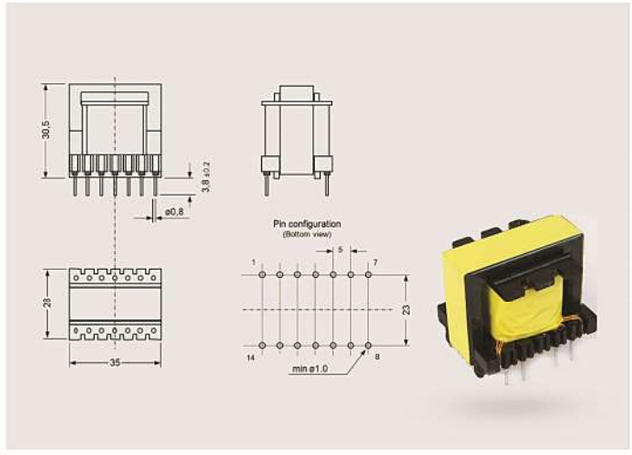
Ferrite Core Type	EE33/29/13
Effective Volume (Ve)	7680 mm^3
Effective Length (le)	65,6 mm
Effective Area (Ae)	117 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

- High Efficiency and Low Loss
- Bobbin, UL94V-0 Recognized Materials
- RoHS Compliant
- Custom Design Available



Encapsulated Safety Isolating Trsnsformer

Type ETD34HC77

Electrical Parameters

Specifications

Max. Output Power	60W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

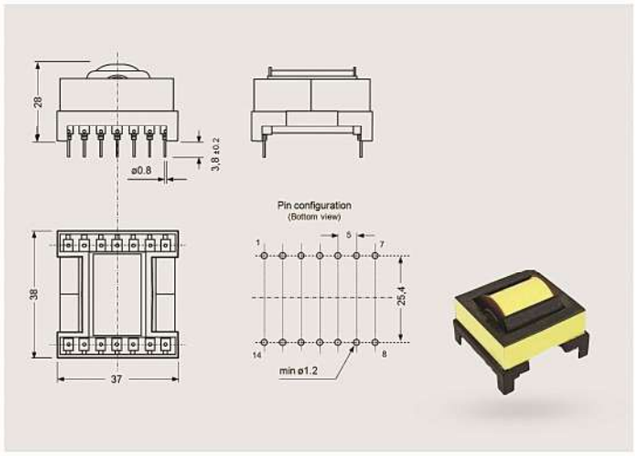
Ferrite Core Type	ETD34/17/11
Effective Volume (Ve)	7630 mm^3
Effective Length (le)	78,6 mm
Effective Area (Ae)	~~97,1 mm^2~~

Environment

Operating Temperature	-20°C to + 80°C

Further Features

- High Efficiency and Low Loss
- Bobbin, UL94V-0 Recognized Materials
- RoHS Compliant
- Custom Design Available



Type EE35HC77

Electrical Parameters

Specifications

Max. Output Power	75W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

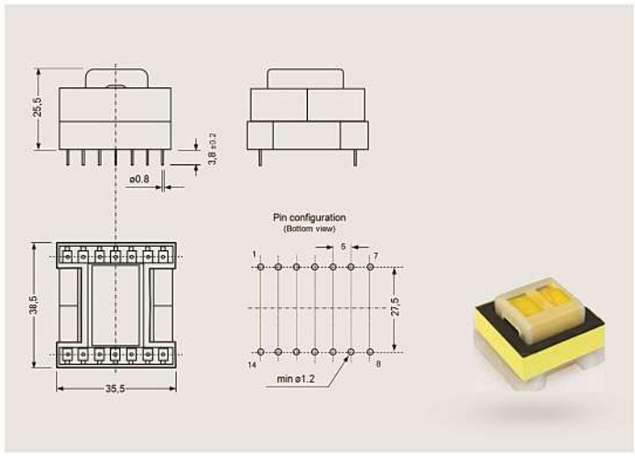
Ferrite Core Type	EE35/35/10
Effective Volume (Ve)	9670 mm^3
Effective Length (le)	81 mm
Effective Area (Ae)	120 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

- High Efficiency and Low Loss
- Bobbin, UL94V-0 Recognized Materials
- RoHS Compliant
- Custom Design Available



Type ETD39HC88

Electrical Parameters

Specifications

Max. Output Power	100W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

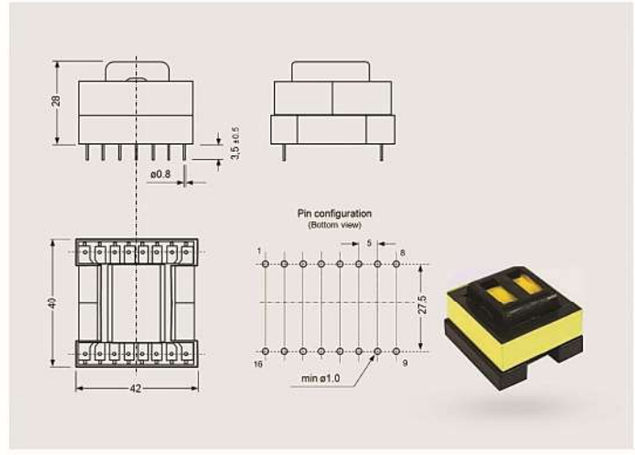
Ferrite Core Type	ETD3936
Effective Volume (Ve)	10570 mm^3
Effective Length (le)	84,6 mm
Effective Area (Ae)	125 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

- High Efficiency and Low Loss
- Bobbin, UL94V-0 Recognized Materials
- RoHS Compliant
- Custom Design Available



Encapsulated Safety Isolating Trsnsformer

Type EE40H77

Electrical Parameters

Specifications

Max. Output Power	100W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

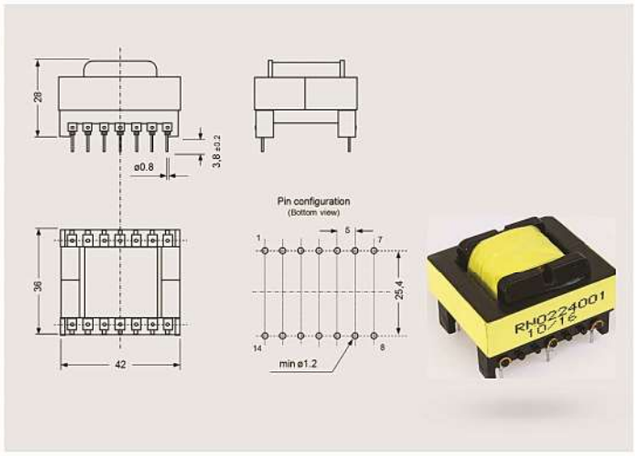
Ferrite Core Type	EE40
Effective Volume (Ve)	11370 mm^3
Effective Length (le)	77,0 mm
Effective Area (Ae)	147 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

- High Efficiency and Low Loss
- Bobbin, UL94V-0 Recognized Materials
- RoHS Compliant
- Custom Design Available



Type EE42H886

Electrical Parameters

Specifications

Max. Output Power	120W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

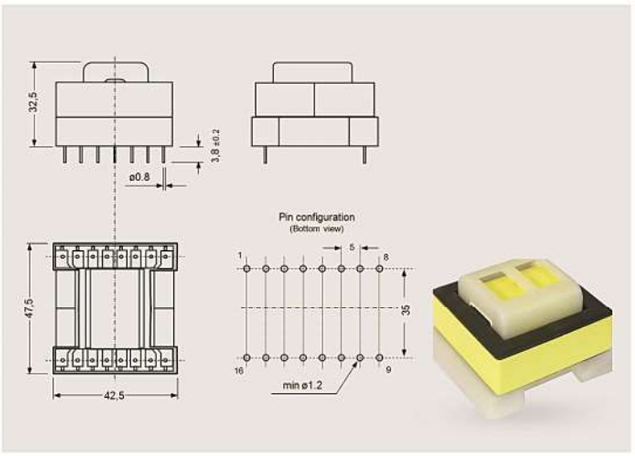
Ferrite Core Type	EE42/21/15
Effective Volume (Ve)	17300 mm^3
Effective Length (le)	97mm
Effective Area (Ae)	178 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

- High Efficiency and Low Loss
- Bobbin, UL94V-0 Recognized Materials
- RoHS Compliant
- Custom Design Available



Type EE42V99

Electrical Parameters

Specifications

Max. Output Power	120W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

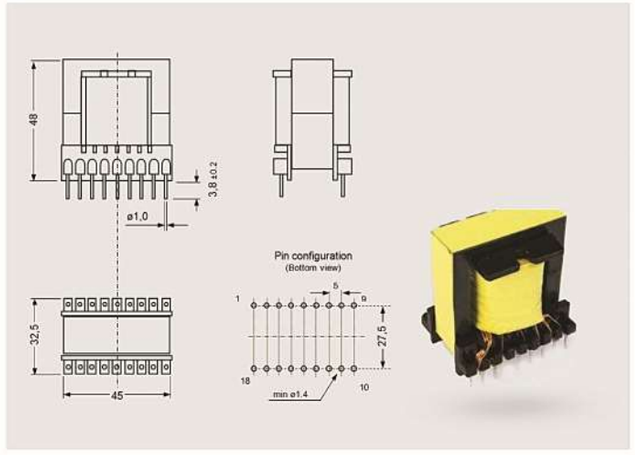
Ferrite Core Type	EE42/21/15
Effective Volume (Ve)	17300 mm^3
Effective Length (le)	97mm
Effective Area (Ae)	178 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

- High Efficiency and Low Loss
- Bobbin, UL94V-0 Recognized Materials
- RoHS Compliant
- Custom Design Available



Encapsulated Safety Isolating Trsnsformer

Type EE42VV99

Electrical Parameters

Specifications

Max. Output Power	120W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

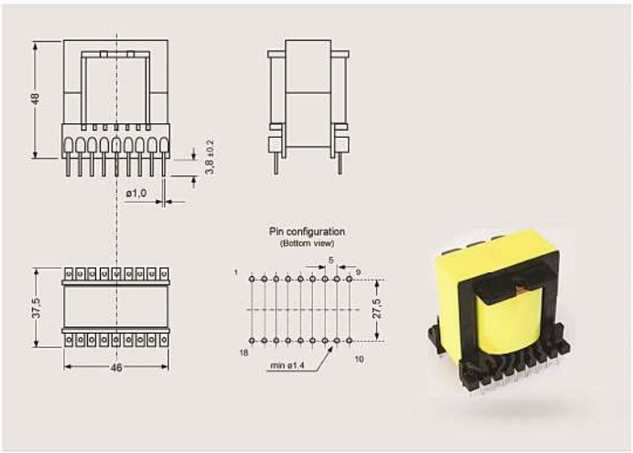
Ferrite Core Type	EE42/21/15
Effective Volume (Ve)	17300 mm^3
Effective Length (le)	97mm
Effective Area (Ae)	178 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

- High Efficiency and Low Loss
- Bobbin, UL94V-0 Recognized Materials
- RoHS Compliant
- Custom Design Available



Type PQ26V66

Electrical Parameters

Specifications

Max. Output Power	70W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

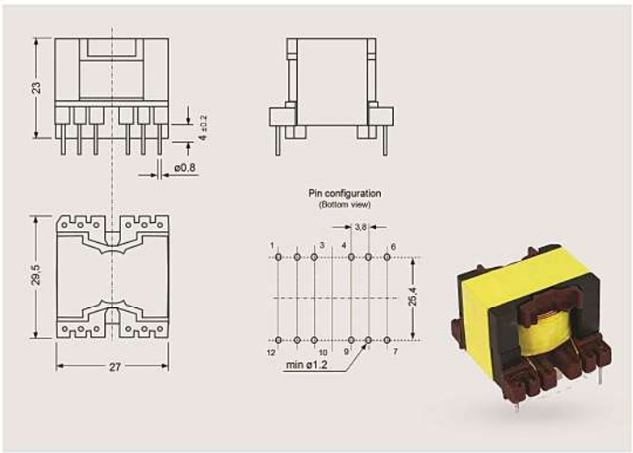
Ferrite Core Type	PQ26/20
Effective Volume (Ve)	6530 mm^3
Effective Length (le)	53,6 mm
Effective Area (Ae)	122 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

- High Efficiency and Low Loss
- Bobbin, UL94V-0 Recognized Materials
- RoHS Compliant
- Custom Design Available



Type PQ32V66

Electrical Parameters

Specifications

Max. Output Power	100W (flyback; 66 kHz)
Working Frequency	20-140 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

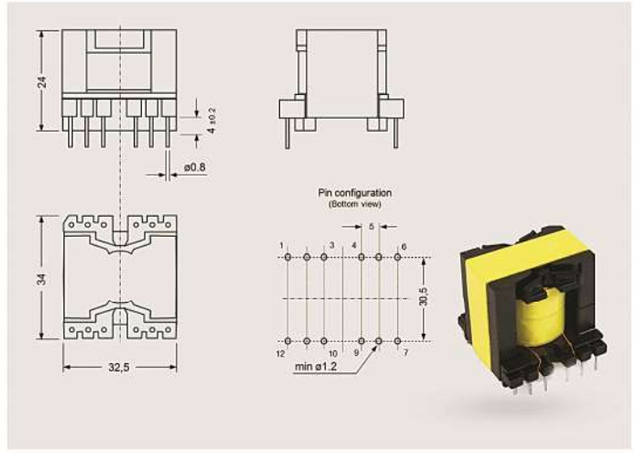
Ferrite Core Type	PQ32/30
Effective Volume (Ve)	10440 mm^3
Effective Length (le)	67,8 mm
Effective Area (Ae)	153,8 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

- High Efficiency and Low Loss
- Bobbin, UL94V-0 Recognized Materials
- RoHS Compliant
- Custom Desi n Available



Encapsulated Safety Isolating Trsnsformer

Type EL25HR55

Electrical Parameters

Specifications

Max. Output Power	75W (LLC; 100 kHz)
Working Frequency	40-300 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

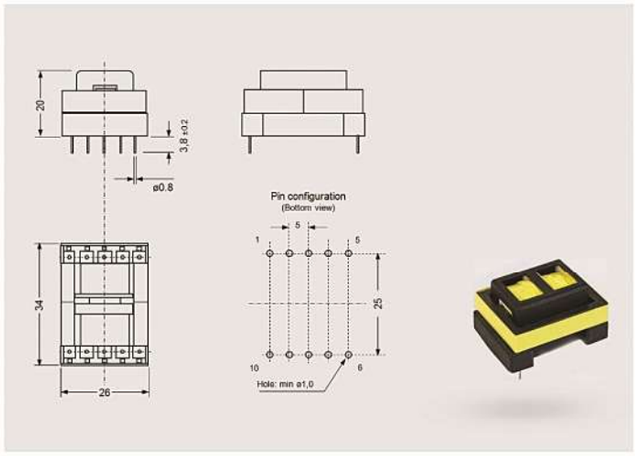
Ferrite Core Type	EEL25
Effective Volume (Ve)	3005 mm³
Effective Length (le)	73,0 mm
Effective Area (Ae)	40,0 mm²

Environment

Operating Temperature	-20°C to + 80°C

Further Features

- High Efficiency and Low Loss
- Bobbin, UL94V-0 Recognized Materials
- RoHS Compliant
- Custom Design Available



Type ETD34HR77

Electrical Parameters

Specifications

Max. Output Power	150W (LLC; 100 kHz)
Working Frequency	40-300 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

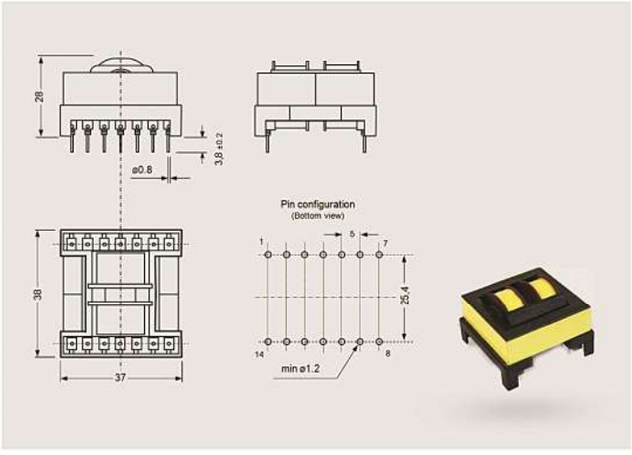
Ferrite Core Type	ETD34
Effective Volume (Ve)	7630 mm³
Effective Length (le)	78,6 mm
Effective Area (Ae)	97,1 mm²

Environment

Operating Temperature	-20°C to + 80°C

Further Features

- High Efficiency and Low Loss
- Bobbin, UL94V-0 Recognized Materials
- RoHS Compliant
- Custom Design Available



Type EE35HR77

Electrical Parameters

Specifications

Max. Output Power	180W (LLC; 100 kHz)
Working Frequency	40-300 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

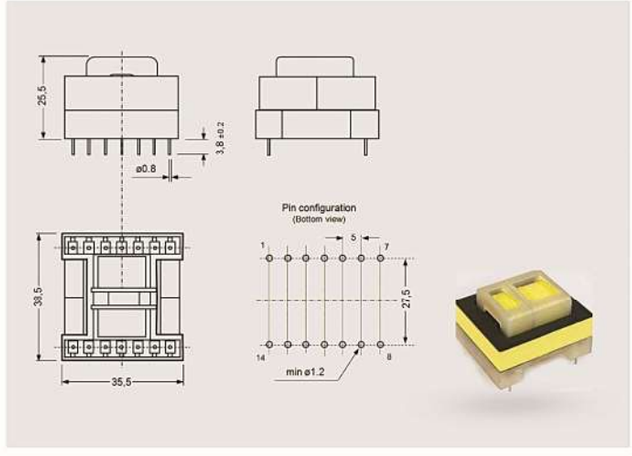
Ferrite Core Type	EE35
Effective Volume (Ve)	9800 mm³
Effective Length (le)	92mm
Effective Area (Ae)	104 mm²

Environment

Operating Temperature	-20°C to + 80°C

Further Features

- High Efficiency and Low Loss
- Bobbin, UL94V-0 Recognized Materials
- RoHS Compliant
- Custom Design Available



Encapsulated Safety Isolating Trsnsformer

Type EM38HR66

Electrical Parameters

Specifications

Max. Output Power	180W (LLC; 100 kHz)
Working Frequency	40-300 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

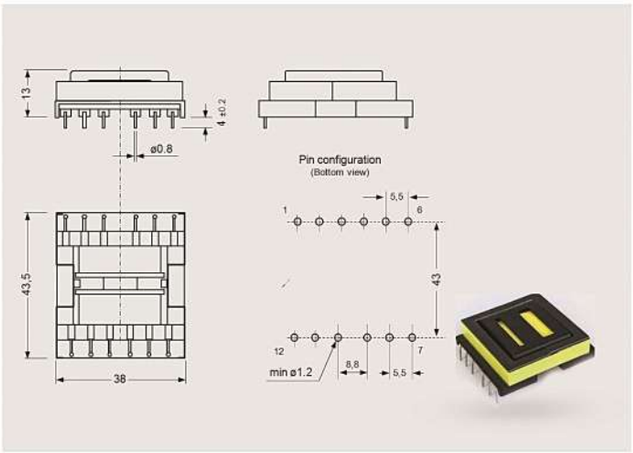
Ferrite Core Type	EM38/36
Effective Volume (Ve)	5345 mm^3
Effective Length (le)	84mm
Effective Area (Ae)	64mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

- High Efficiency and Low Loss
- Bobbin, UL94V-0 Recognized Materials
- RoHS Compliant
- Custom Design Available



Type ETD39HR77

Electrical Parameters

Specifications

Max. Output Power	280W (LLC; 100 kHz)
Working Frequency	40-300 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class B (130°C)

Core Parameters (per set)

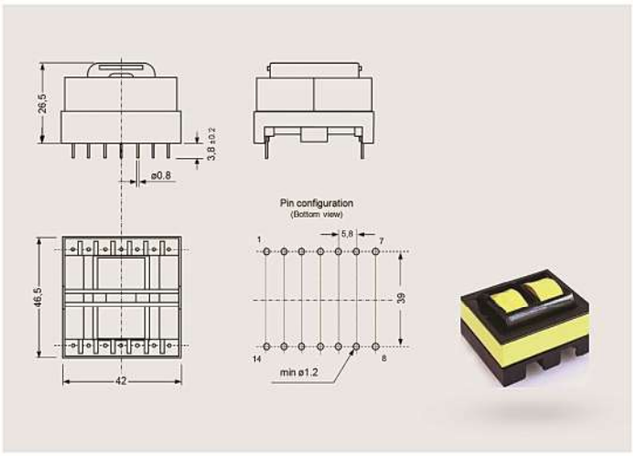
Ferrite Core Type	ETD39/20/13
Effective Volume (Ve)	11500 mm^3
Effective Length (le)	92,2 mm
Effective Area (Ae)	125 mm^2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

- High Efficiency and Low Loss
- Bobbin, UL94V-0 Recognized Materials
- RoHS Compliant
- Custom Design Available



Type ETD39HR88

Electrical Parameters

Specifications

Max. Output Power	280W (LLC; 100 kHz)
Working Frequency	40-300 kHz
Isolation Pri to Sec.	4000Vrms, 1mA, 5sec.
Isolation System	Class 8 (130°C)

Core Parameters (per set)

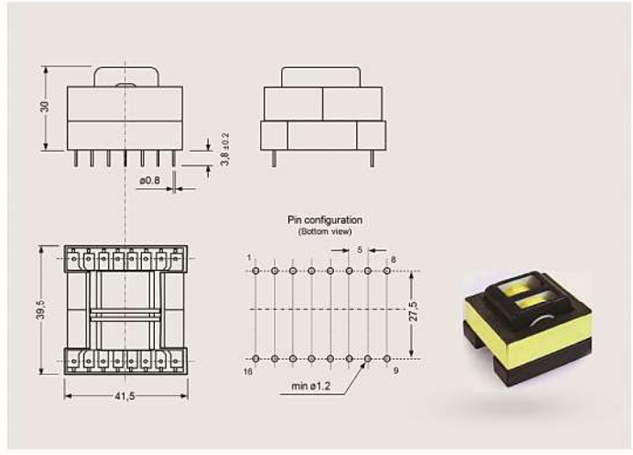
Ferrite Core Type	ETD39/36/13
Effective Volume (Ve)	11500 mm^3
Effective Length (le)	92,2 mm
Effective Area (Ae)	125 mm^2

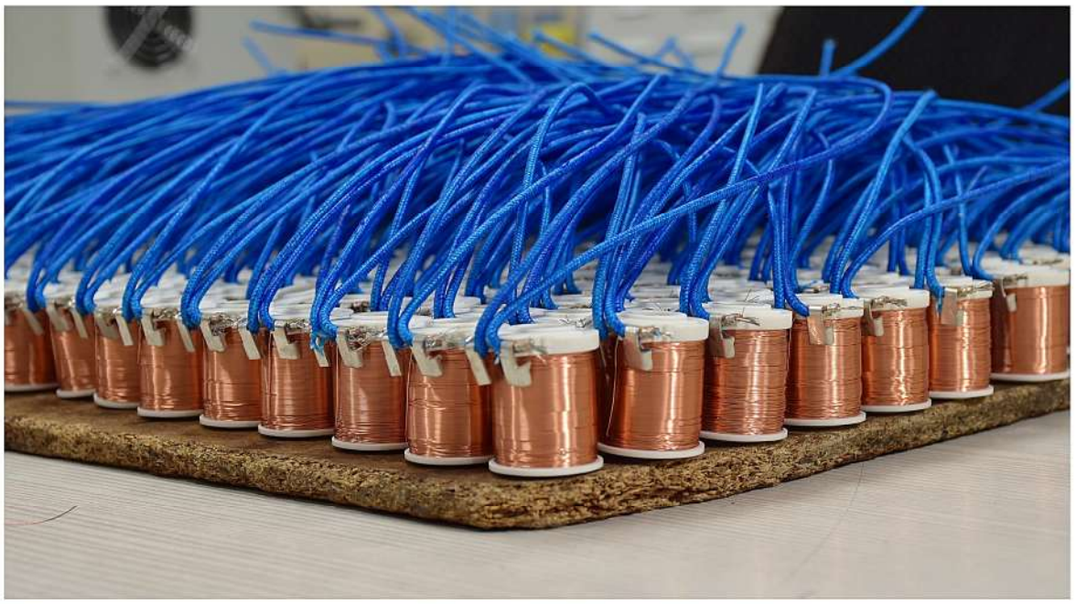
Environment

Operating Temperature	-20°C to + 80°C

Further Features

- High Efficiency and Low Loss
- Bobbin, UL94V-0 Recognized Materials
- RoHS Compliant
- Custom Design Available





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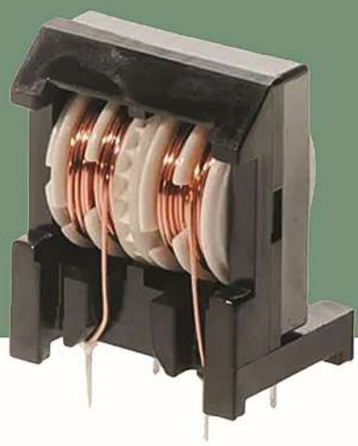
LINE FILTERS

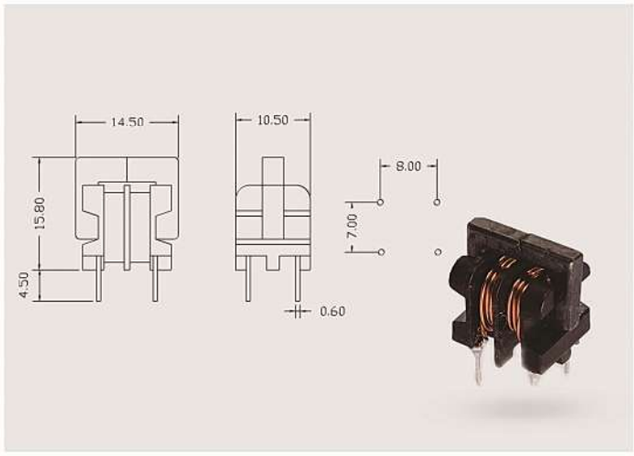


Encapsulated Safety Isolating Trsnsformer

Type UU9.8S2

Electrical Parameters

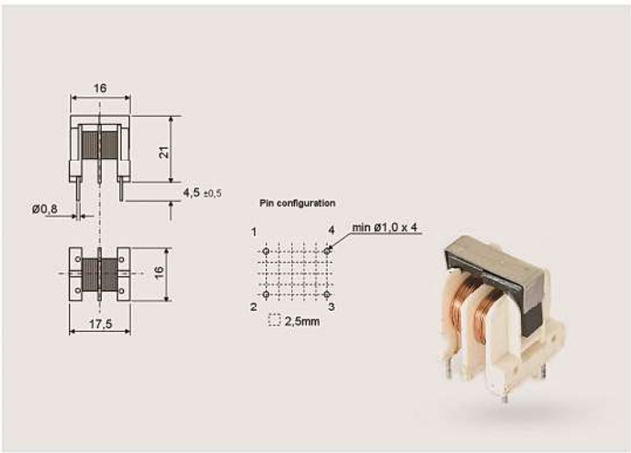
Specifications	
Core Type	UU9.8
Design	
Coil Former	2 Slots
Pin Type	2x2
Environment	
Operating Temperature	-20°C to + 80°C
Further Features	
	Bobbin, UL94V-O Recognized Materials RoHS Compliant Custom Design Available



Type UU11S2

Electrical Parameters

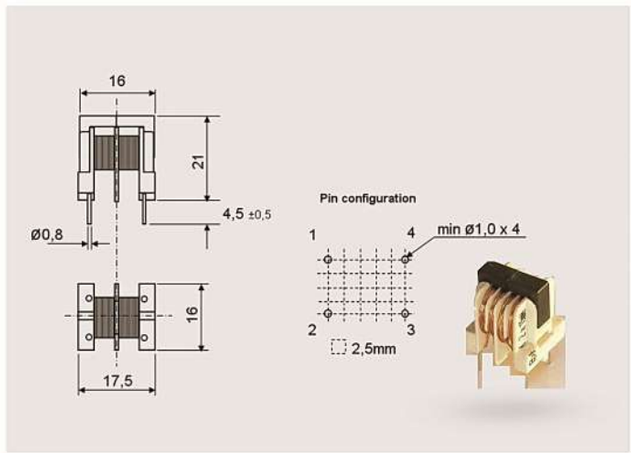
Specifications	
Core Type	UU11
Design	
Coil Former	2 Slots
Pin Type	2x2
Environment	
Operating Temperature	-20°C to + 80°C
Further Features	
	Bobbin, UL94V-O Recognized Materials RoHS Compliant Custom Design Available



Type UU11S2

Electrical Parameters

Specifications	
Core Type	UU11
Design	
Coil Former	4 Slots
Pin Type	2x2
Environment	
Operating Temperature	-20°C to + 80°C
Further Features	
	Bobbin, UL94V-O Recognized Materials RoHS Compliant Custom Design Available



Encapsulated Safety Isolating Trsnsformer

Type UU11S4

Electrical Parameters

Specifications

Core Type	UU16

Design

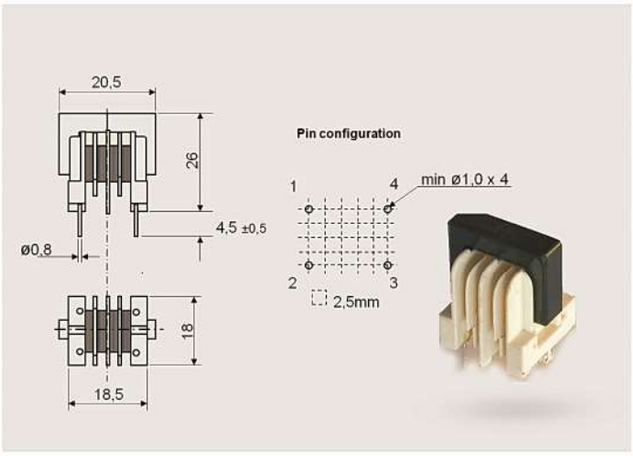
Coil Former	4 Slots
Pin Type	2x2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

Bobbin, UL94V-0 Recognized Materials
RoHS Compliant
Custom Design Available



Type UU16S2

Electrical Parameters

Specifications

Core Type	UU16

Design

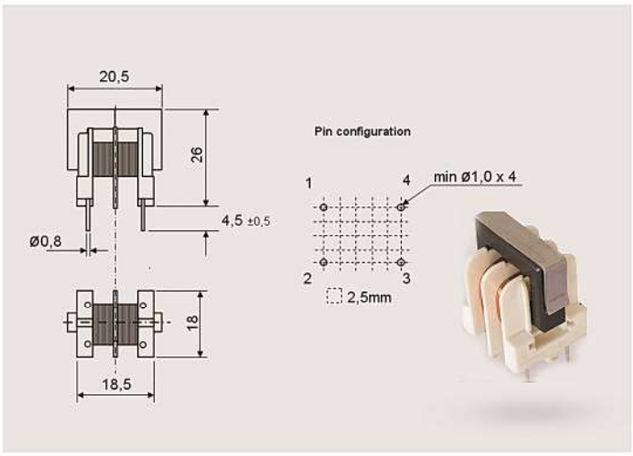
Coil Former	2 Slots
Pin Type	2x2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

Bobbin, UL94V-0 Recognized Materials
RoHS Compliant
Custom Design Available



Type UU16S4

Electrical Parameters

Specifications

Core Type	EF25

Design

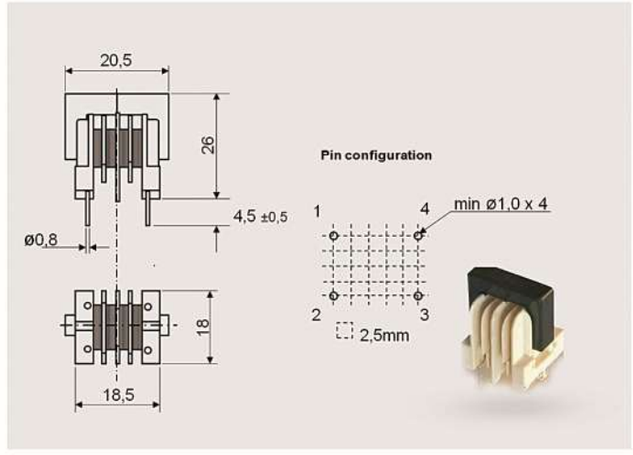
Coil Former	4 Slots
Pin Type	3x3

Environment

Operating Temperature	-20°C to + 80°C

Further Features

Bobbin, UL94V-0 Recognized Materials
RoHS Compliant
Custom Design Available



Encapsulated Safety Isolating Trsnsformer

Type UU16S4

Electrical Parameters

Specifications

Core Type	UU16

Design

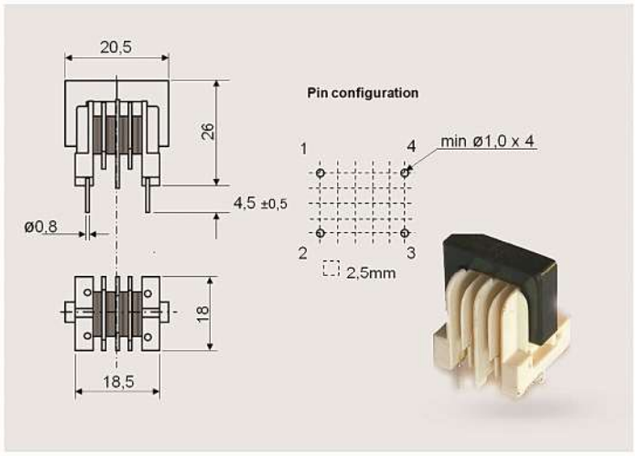
Coil Former	4 Slots
Pin Type	2x2

Environment

Operating Temperature	-20°C to + 80°C

Further Features

Bobbin, UL94V-0 Recognized Materials
RoHS Compliant
Custom Design Available



Type EF25V433

Electrical Parameters

Specifications

Core Type	EF25

Design

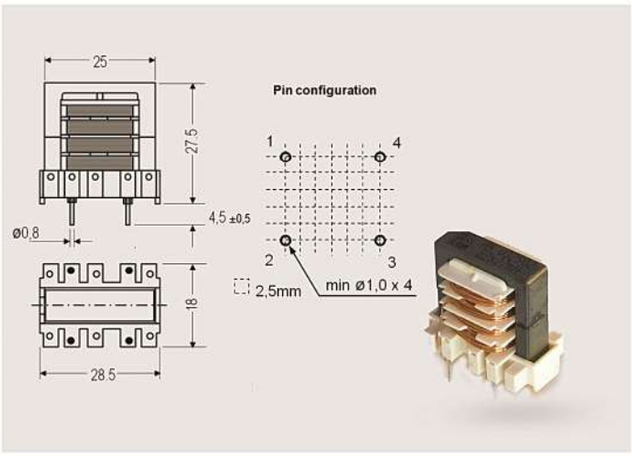
Coil Former	4 Slots
Pin Type	3x3

Environment

Operating Temperature	-20°C to + 80°C

Further Features

Bobbin, UL94V-0 Recognized Materials
RoHS Compliant
Custom Design Available



Type Drum type

Electrical Parameters

Specifications

Core Type	Drum Type

Design

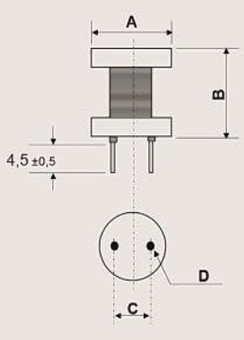
Core Type	Radial Type

Environment

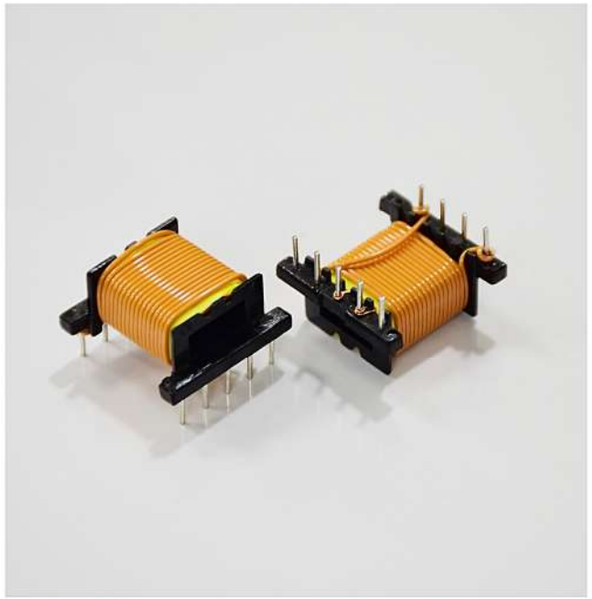
Operating Temperature	-20°C to + 80°C

Further Features

Bobbin, UL94V-0 Recognized Materials
RoHS Compliant
Custom Design Available



Type	A	B	C	D
DRW8x10	8	10	5	ø0,8
DRW9x12	9	12	5	ø0,8
DRW12x15	12	15	7,5	ø0,8
DRW14x15	14	15	10	ø0,8




Home appliance

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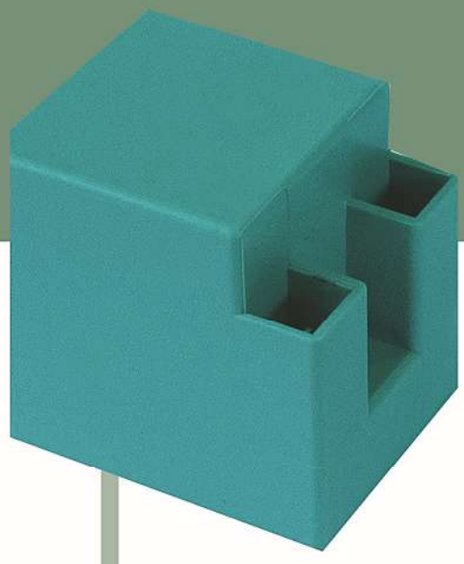
GAS IGNITION COILS



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Encapsulated Safety Isolating Trsnsformer

Type UU16S4

Electrical Parameters

Input

Working Voltage	220Vac ± 20% or 10Vac ± 20%
Frequency	50-60 Hz
Max. Input Power	0.6VA

Output

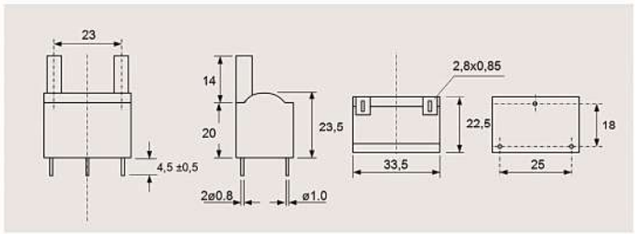
Ignition Voltage	>12 kV
Spark Gap	4-5 mm
Spark Frequency	2-5 Hz
Life	>5.000.000 Sparks

Environment

Ambient Temperature Max.	120°c

Design

Acc. to	DIN **EN** 60335-1 (VOE 0700-1):2001-08 DIN **EN** 50165-1 (VOE 0700-450):2001-08



Type EF25V433

Electrical Parameters

Input

Working Voltage	220Vac ± 20°/o or 10Vac ± 20%
Frequency	50-60 Hz
Max. Input Power	0.6VA

Output

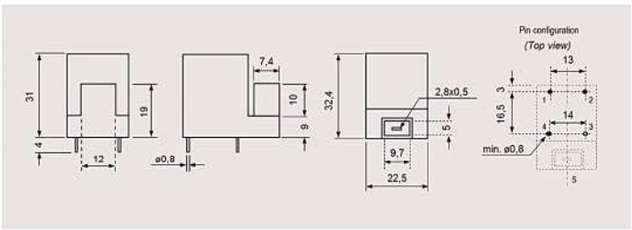
Ignition Voltage	>12 kV
Spark Gap	4-5 mm
Spark Frequency	2-5 Hz
Life	>5.000.000 Sparks

Environment

Ambient Temperature Max.	120°c

Design

Acc. to	DIN EN 60335-1 (VOE 0700-1):2001-08 DIN EN 50165-1 (VOE 0700-450):2001-08



Type 6GV2

Electrical Parameters

Input

Working Voltage	220Vac ± 20% or 10Vac ± 20%
Frequency	50-60 Hz
Max. Input Power	0.6VA

Output

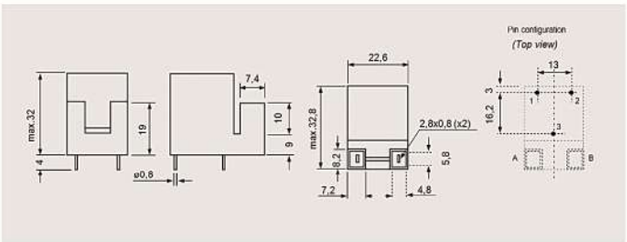
Ignition Voltage	>12 kV
Spark Gap	4-5 mm
Spark Frequency	2-5 Hz
Life	>5.000.000 Sparks

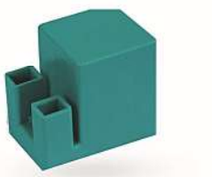
Environment

Ambient Temperature Max.	120°c

Design

Acc. to	DIN **EN** 60335-1 (VOE 0700-1):2001-08 DIN **EN** 50165-1 (VOE 0700-450):2001-08





Encapsulated Safety Isolating Trsnsformer

Type 6GD2

Electrical Parameters

Input

Working Voltage	220Vac ± 20°/o or 10Vac ± 20%
Frequency	50-60 Hz
Max. Input Power	0.6VA

Output

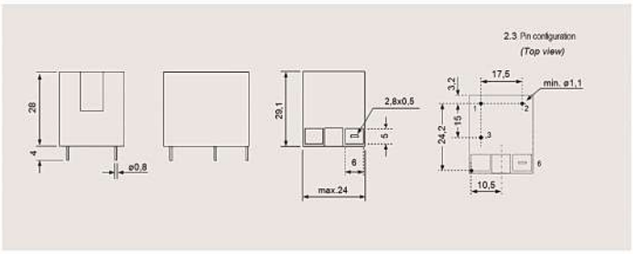
Ignition Voltage	>12 kV
Spark Gap	4-5 mm
Spark Frequency	2-5 Hz
Life	>5.000.000 Sparks

Environment

Ambient Temperature Max.	120°c

Design

Acc. to	DIN EN 60335-1 (VOE 0700-1):2001-08 DIN EN 50165-1 (VOE 0700-450):2001-08



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