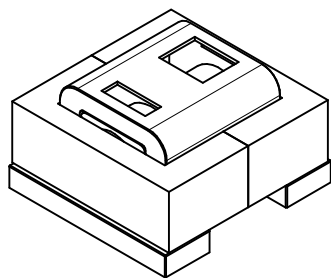
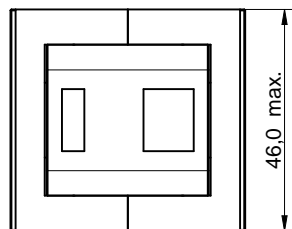
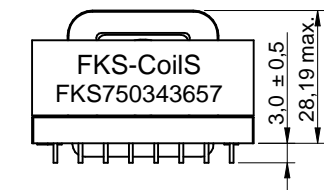
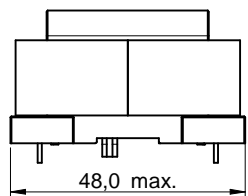
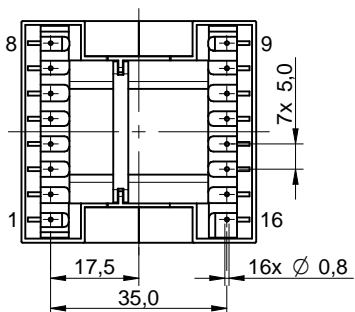
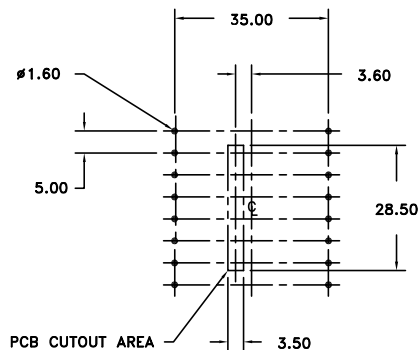


Dimensions:mm



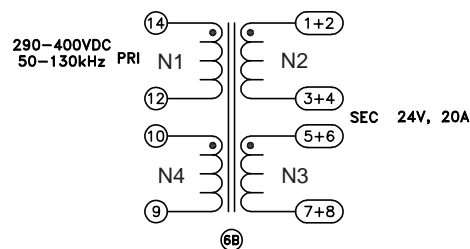
Recommended Land Pattern:[mm]



Electrical Properties:



Properties		Test conditions	Value	Unit	Tol.
Inductance	L	N1/ 50 kHz/ 100 mV	280	μH	±10%
Turns Ratio	n	N1 : N2 : N3 : N4	25:3:3:2		
Saturation Current	I _{SAT}	N1/ ΔL/L < 20 %	5	A	typ.
DC Resistance 1	R _{DC1}	N1/ 20 °C	50	mΩ	max.
DC Resistance 2	R _{DC2}	N2/ 20 °C	4	mΩ	max.
DC Resistance 3	R _{DC3}	N3/ 20 °C	4	mΩ	max.
DC Resistance 4	R _{DC4}	N4/ 20 °C	115	mΩ	max.
Leakage Inductance	L _S	N1/ 82kHz/ 100 mV	43	μH	±10%
Insulation Test Voltage	V _T	N1,4 => N2,3	3750	V (AC)	

Schematic:



General properties:

Operating Temperature	-40 up to +125 °C
Storage Conditions (in original packaging)	< 40 °C ; < 75 % RH
Storage Conditions (for single parts)	-20 up to +60 °C
Moisture Sensitivity Level (MSL)	1
Test conditions of Electrical Properties: +20 °C, 33 % RH if not specified differently	



	<p>西咸新区飞科思电子科技有限公司 Xixian New Area FKS Electronic Technology Co.,Ltd.</p>	CHECKED Wu	REVISION A	DATE (YYYY-MM-DD) 2024/10/21	GENERAL TOLERANCE ISO 2768-1m	PROJECTION METHOD 
	<p>陕西飞科思电子件进出口有限公司 Shaanxi FKS Electronic Parts Import Export Co.,Ltd.</p>	DESCRIPTION Transformer		FKS750343657		
<p>FKS-Coils</p>	<p>Web:www.fks-tech.com Email:fks@fks-tech.com</p> <p>Pursuit of excellence,we have been working hard!</p>	SIZE/TYPE ETD44	BUSINESS UNIT FKS	ORDER CODE FKS750343657		STATUS Valid
					PAGE 1/2	

Typical Application:

Properties		Value	Unit
Input Voltage	V_{in}	290 - 400	V (DC)
Switching Frequency	f_{switch}	50 - 130	kHz
Output Voltage 1	V_{Out1}	24	V
Output Current 1	I_{Out1}	20	A
Auxiliary Voltage	V_{aux}	16	V

Input: N1
 Output 1: N2+N3
 Auxiliary: N4
 Table shows a typical application. Values may vary by application

Electrical Properties:

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FKS-Coils	Web:www.fks-tech.com Email:fks@fks-tech.com Pursuit of excellence,we have been working hard!		SIZE/TYPE ETD44	BUSINESS UNIT FKS	STATUS Valid	PAGE 2/2	