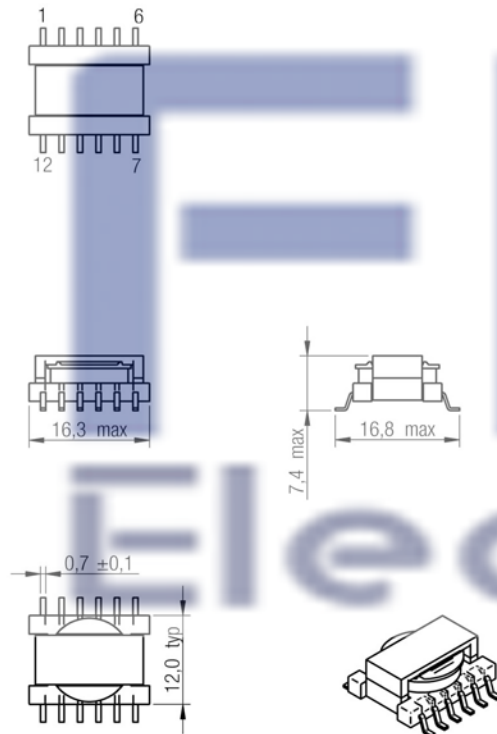
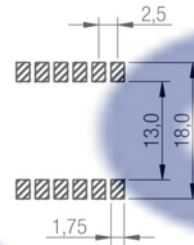


A Dimensions: [mm]



Scale - 1:1

B Recommended land pattern: [mm]



Scale - 1:1

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D Electrical Properties:

Properties	Test conditions		Value	Unit	Tol.
Inductance base	10 kHz/ 1 V	L_{base}	8.3	μH	$\pm 20\%$
Turns ratio	N1:N2:N3:N4:N5:N6	n	1:1:1:1:1:1		
Rated Current base	$\Delta T = 40K$	$I_R base$	0.95	A	typ.
Saturation Current base	$I_{\Delta L}/I < 10\%$	$I_{sat base}$	1.20	A	typ.
DC Resistance base	@ 20°C	$R_{DC base}$	159	m Ω	max.
Voltage- μ Second base		$f_{Udt base}$	48.3	μVs	max.
Leakage Inductance base	10 kHz/ 1 V	$L_s base$	0.17	μH	typ.
Insulation test voltage	3 mA/1 s	U_T	500	V (AC)	

- 1) Inductance of a single winding
 2) Rated Current of a single winding
 3) Saturation Current of a single winding when all windings are driven.
 If not all windings are current driven the Saturation current per winding is
 $6 \times I_{sat base} / \text{number of driven windings}$
 4) DC Resistance of a single winding

E General information:

It is recommended that the temperature of the part does not exceed +125°C under worst case conditions.

- Storage Temperature: -40°C to +85°C
- Operating Temperature: -40°C to +125°C
- Test conditions of Electrical Properties: 20°C, 33% RH if not specified differently

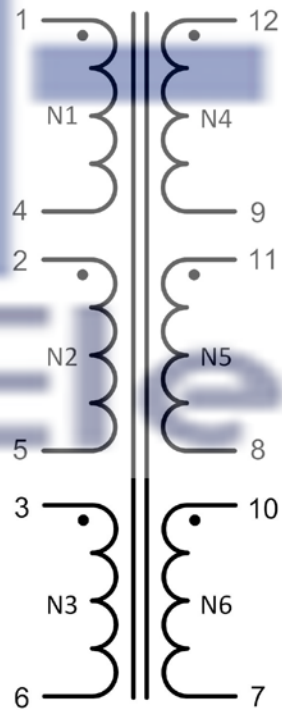
				Projection 	DESCRIPTION
					Flexible Transformer for DC/DC Converter
				Shaanxi FKS Electronic Parts Import&Export Co.,Ltd. FKS(Xi'an) Electronic Technology Co.,Ltd. Address: B1 Building,Western Cloud Valley,Fengxi New Town, Xixian New Area,Xi'an City, Shaanxi Province,China. Tel: +86-29-8868 5333 Fax: +86-29-8868 0913	Order.- No. FKS749196231
				FKS Electronics 	 COMPLIANT RoHS&REACH
					SIZE A4
				DATE	Size: ER14.5/6

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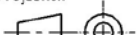
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C Schematic:



				Projection	DESCRIPTION Flexible Transformer for DC/DC Converter	
				Shaanxi FKS Electronic Parts Import&Export Co.,Ltd. FKS(Xi'an) Electronic Technology Co.,Ltd. Address: B1 Building,Western Cloud Valley,Fengxi New Town, Xixian New Area,Xi'an City, Shaanxi Province,China. Tel: +86-29-8868 5333 Fax: +86-29-8868 0913 FKS Electronics	Order.- No. FKS749196231 COMPLIANT RoHS&REACH	SIZE A4
	2014-02-18				Size: ER14.5/6	
	DATE					

					DESCRIPTION	
				Shaanxi FKS Electronic Parts Import&Export Co.,Ltd. FKS(Xi'an) Electronic Technology Co.,Ltd. Address: B1 Building,Western Cloud Valley,Fengxi New Town, Xixian New Area,Xi'an City, Shaanxi Province,China. Tel: +86-29-8888 5333 Fax: +86-29-8888 0913	Flexible Transformer for DC/DC Converter	
	2014-02-18			 	Order.- No.	
						SIZE
						A4
	DATE				Size: ER14.5/6	