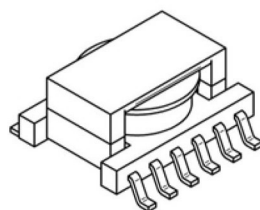
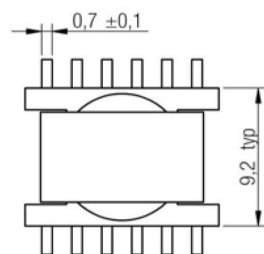
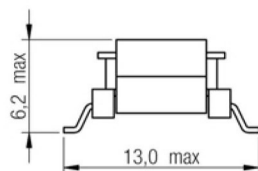
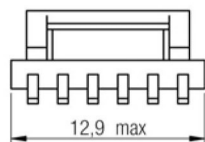
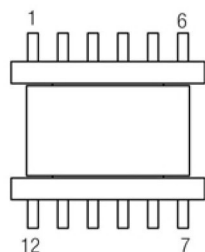
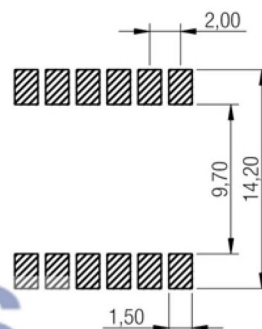


A Dimensions: [mm]

Scale - 2:1

B Recommended land pattern: [mm]

Scale - 1:1

D Electrical Properties:

Properties	Test conditions		Value	Unit	Tol.
Inductance base	10 kHz/ 100 mV	L_{base}	198.6	μH	typ.
Turns ratio	N1:N2:N3:N4:N5:N6	n	1:1:1:1:1:1		
Rated Current base	$\Delta T = 40K$	$I_R base$	0.55	A	typ.
Saturation Current base	$I_{\Delta L}/I < 10\%$	$I_{sat base}$	0.01	A	typ.
DC Resistance base	@ 20°C	$R_{DC base}$	344	m Ω	max.
Voltage-μSecond base		$f U_{dt base}$	32.9	μVs	max.
Leakage Inductance base	100 kHz/ 100 mV	$L_s base$	0.21	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

Shaanxi FKS Electronic Parts Import&Export Co.,Ltd.

FKS(Xi'an) Electronic Technology Co.,Ltd.

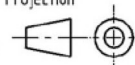
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Xixian New Area,Xi'an City, Shaanxi Province,China.

Tel: +86-29-8868 5333

Fax: +86-29-8868 0913

FKS
Electronics

Projection



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FKS
Electronics

DESCRIPTION

Flexible Transformer for DC/DC Converter

Order.- No.

FKS749196101



SIZE

A4

Size: ER11/5

DATE