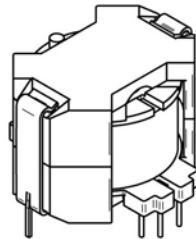
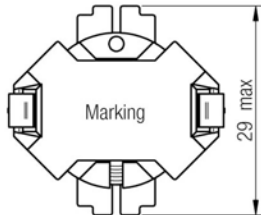
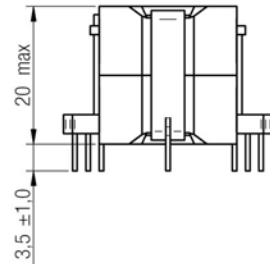
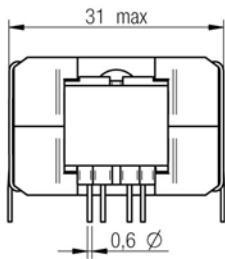
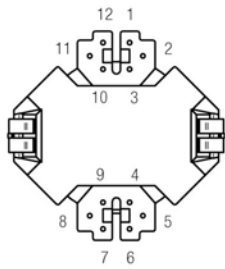


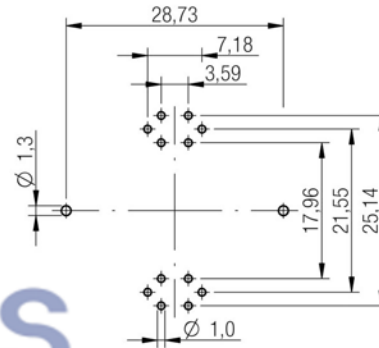
**A Dimensions: [mm]**



Scale - 1:1

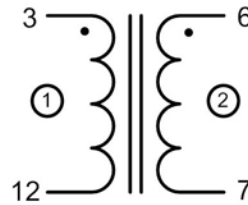
Reference on drawing	Description
Marking	FKS760802112 (Article Number)
Date code	YYWW
Revision	00

**B Recommended hole pattern: [mm]**



Scale - 1:1

**C Schematic:**



**D Electrical Properties:**

Properties	Test conditions		Value	Unit	Tol.
Inductance	100 kHz/ 100 mV	L	375	μH	±10%
Rated current	ΔT = 40 K	I <sub>R</sub>	0.8	A	max.
Saturation current	IΔL/L < 20%	I <sub>sat</sub>	5.4	A	typ.
DC Resistance 1		R <sub>DC1</sub>	360	mΩ	max.
DC Resistance 2		R <sub>DC2</sub>	180	mΩ	max.
Input voltage		U <sub>i</sub>	195-265	V (AC)	
Turns ratio		n	12:1		±3%
Output power 1		P <sub>o</sub>	100-150	W	
Insulation test voltage		U <sub>T</sub>	1500	V (AC)	

**E General information:**

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

- Ambient temperature: -40°C to +85°C (referring to I<sub>R</sub>)
- Operating temperature: -40°C to +125°C
- Storage temperature (in tray packaging): -20°C to +40°C; 75% RH max.
- 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.  
 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

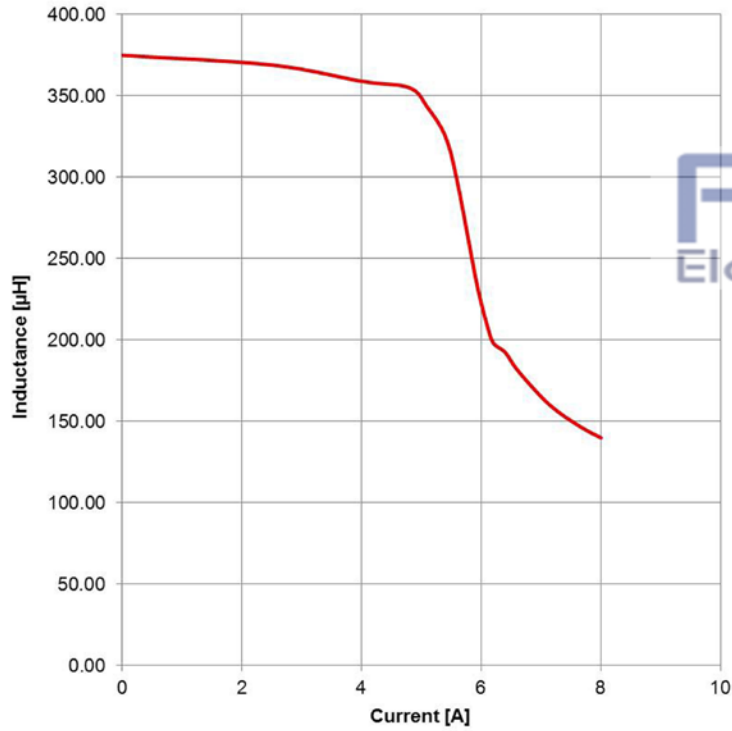


2014-09-16	Projection	DESCRIPTION
		<b>PFC Choke</b>
	Shaanxi FKS Electronic Parts Import&Export Co.,Ltd. FKS(Xi'an) Electronic Technology Co.,Ltd. Address: B1 Building,Western Cloud Valley,Fengxi New Town, Xixian New Area,Xi'an City, Shaanxi Province,China. Tel: +86-29-8868 5333 Fax: +86-29-8868 0913	Order.- No. <b>FKS760802112</b>
DATE		SIZE A4
		Size: RM10

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



**F1 Typical Inductance vs. Current Characteristics:**



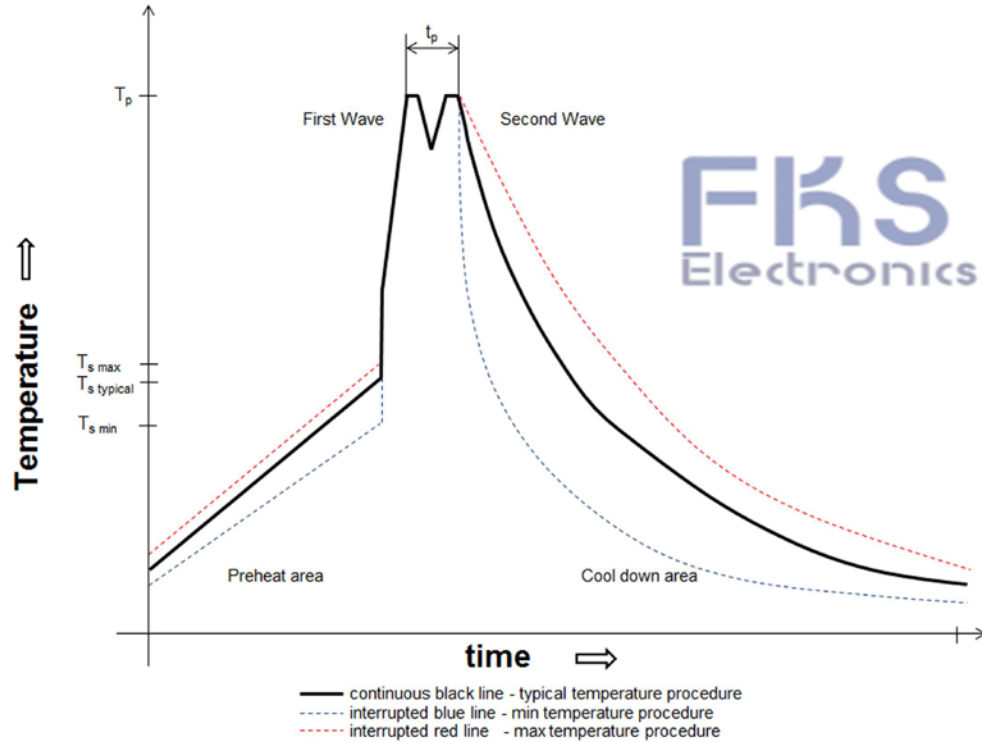
				Projection 	DESCRIPTION  <b>PFC Choke</b>
	2014-09-16				
				Shaanxi FKS Electronic Parts Import&Export Co.,Ltd. FKS(Xi'an) Electronic Technology Co.,Ltd. Address: B1 Building,Western Cloud Valley,Fengxi New Town, Xixian New Area,Xi'an City, Shaanxi Province,China. Tel: +86-29-8868 5333 Fax: +86-29-8868 0913	Order.- No. <b>FKS760802112</b>
					SIZE A4
	DATE				Size: RM10

H Soldering Specifications:

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



H4: Classification Wave Soldering Profile:



H5: Classification Wave Profile

Profile Feature	Pb-Free Assembly	Sn-Pb Assembly
Preheat - Temperature Min ( $T_{smin}$ ) - Temperature Typical ( $T_{stypical}$ ) - Temperature Max ( $T_{smax}$ ) - Time ( $t_p$ ) from ( $T_{smin}$ to $T_{smax}$ )	100°C 120°C 130°C 70 seconds	100°C 120°C 130°C 70 seconds
$\Delta$ preheat to max Temperature	150°C max.	150°C max.
Peak temperature ( $T_p$ )	250°C - 260°C	235°C - 260°C
Time of actual peak temperature ( $t_p$ )	max. 10 seconds max. 5 second each wave	max. 10 seconds max. 5 second each wave
Ramp-down rate - Min - Typical - Max	~ 2 K/s ~ 3.5 K/s ~ 5 K/s	~ 2 K/s ~ 3.5 K/s ~ 5 K/s
Time 25°C to 25°C	4 minutes	4 minutes

refer to EN 61760-1:2006

				Projection 	DESCRIPTION  <b>PFC Choke</b>
	2014-09-16				
				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. <b>FKS760802112</b>
					SIZE A4
	DATE				Size: RM10