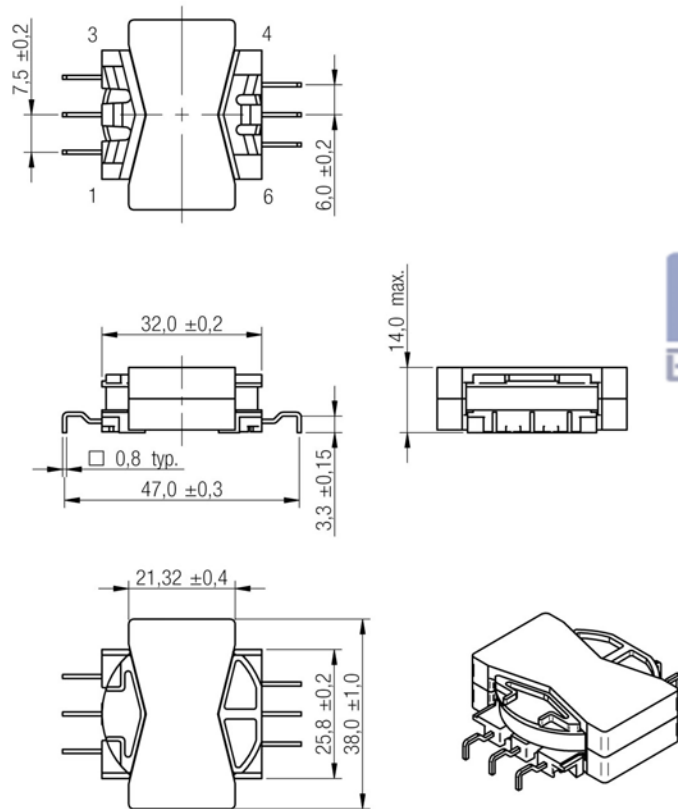
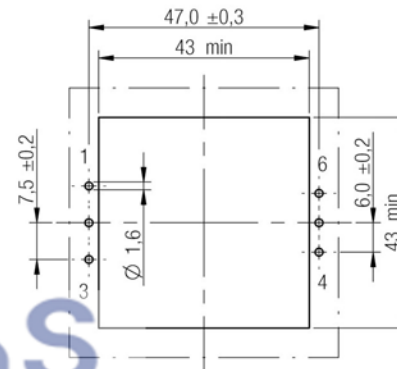


A Dimensions: [mm]



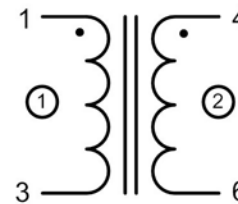
Scale - 1:1,5

B Recommended hole pattern: [mm]



Scale - 1:1,5

C Schematic:



D Electrical Properties:

Properties	Test conditions		Value	Unit	Tol.
Inductance	100 kHz/ 100 mV	L	300	μH	±10%
Rated current	ΔT = 40 K	I _R	3.0	A	max.
Saturation current	IΔL/LI < 20%	I _{sat}	5.1	A	typ.
DC Resistance 1		R _{DC1}	197.3	mΩ	max.
DC Resistance 2		R _{DC2}	310	mΩ	max.
Input voltage		U _i	85-265	V (AC)	
Turns ratio		n	8.75:1		±3%
Output power 1		P _o	250	W	
Insulation test voltage		U _T	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_R)
- 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

Reference on drawing	Description
•	Start of winding
Marking	FKS760806302 (Article Number)
Date code	YYWW
Revision	00

2014-09-16	Projection	DESCRIPTION
		PFC Choke
	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.
		FKS760806302
	DATE	Size: PQ38/11

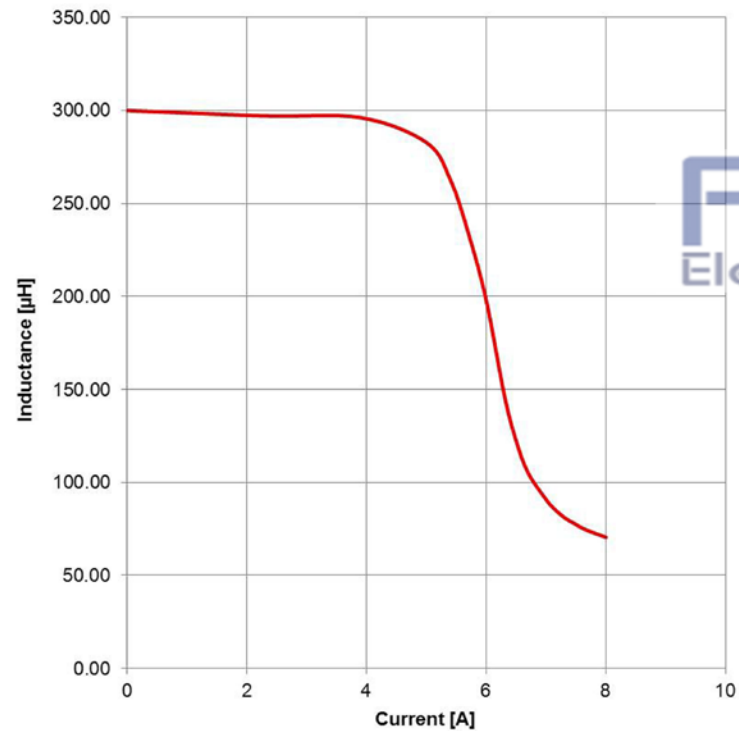
Shaanxi FKS Electronic Parts Import&Export Co.,Ltd.
FKS(Xi'an) Electronic Technology Co.,Ltd.
Address: B1 Building,Western Cloud Valley,Fengxi New Town,
Xixian New Area,Xi'an City, Shaanxi Province,China.
Tel: +86-29-8868 5333
Fax: +86-29-8868 0913



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:



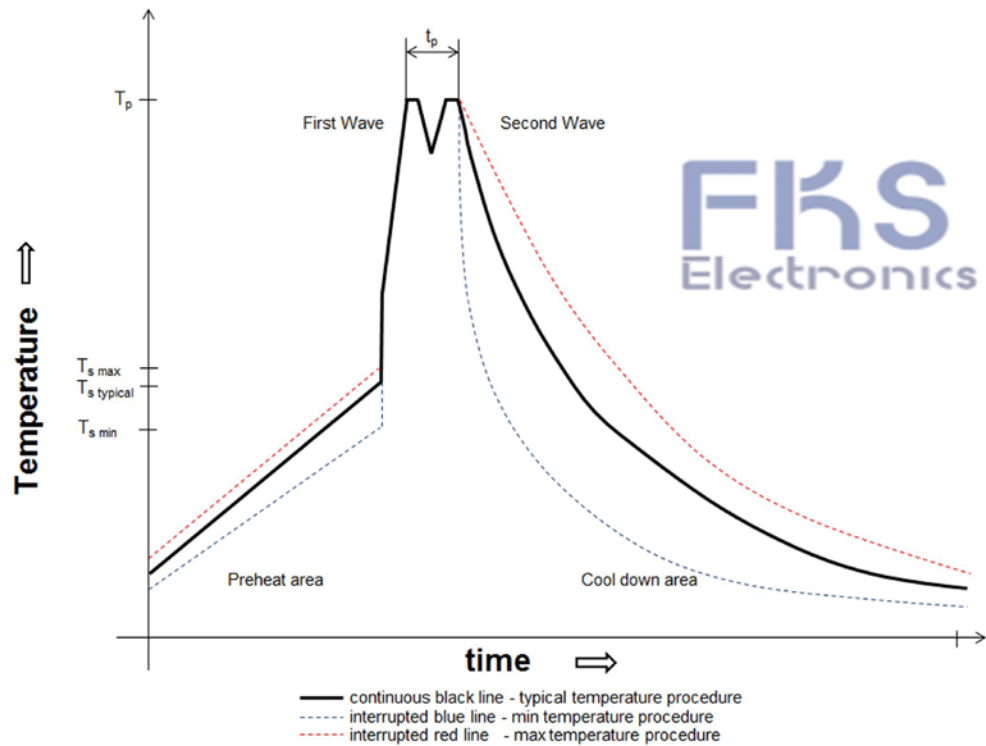
				Projection		DESCRIPTION	
	2014-09-16						
				Shaanxi FKS Electronic Parts Import&Export Co.,Ltd. FKS(Xi'an) Electronic Technology Co.,Ltd. Address: B1 Building,Western Cloud Valley,Fengxi New Town, Xixian New Area,Xi'an City, Shaanxi Province,China. Tel: +86-29-8868 5333 Fax: +86-29-8868 0913		PFC Choke	
						Order.- No.	SIZE
						FKS760806302	A4
						Size: PQ38/11	
	DATE						

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_s) from (T_{smin} to T_{smax})	100°C 120°C 130°C 70 seconds	100°C 120°C 130°C 70 seconds
Δ 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	
	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 		PFC Choke	
						Order.- No.	SIZE
						FKS760806302	A4
	DATE					Size: PQ38/11	