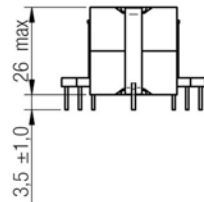
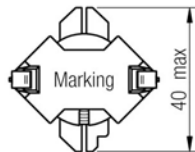
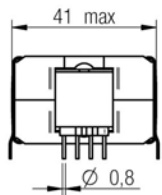
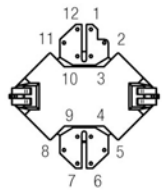


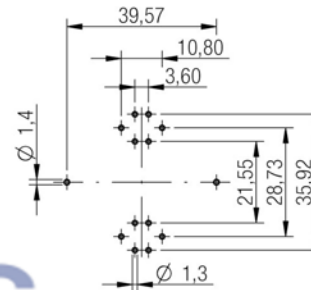
A Dimensions: [mm]



Scale - 1:2

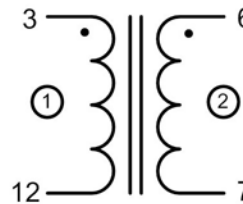
Reference on drawing	Description
Marking	FKS760804310 (Article Number)
Date code	YYWW
Revision	00

B Recommended hole pattern: [mm]



Scale - 1:2

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	2.4	A	max.
Saturation current	IΔL/LI < 20%	I _{sat}	7.4	A	typ.
DC Resistance 1		R _{DC1}	170	mΩ	max.
DC Resistance 2		R _{DC2}	250	mΩ	max.
Input voltage		U _i	85-265	V (AC)	
Turns ratio		n	52:5		±3%
Output power 1		P _o	150-200	W	
Insulation test voltage		U _T	1500	V (AC)	

E General information:

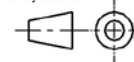
It is recommended that the temperature of the part does not exceed 125°C under worst case operating conditions.

- 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

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
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Projection



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DESCRIPTION

PFC Choke

Order.- No.

FKS760804310



SIZE

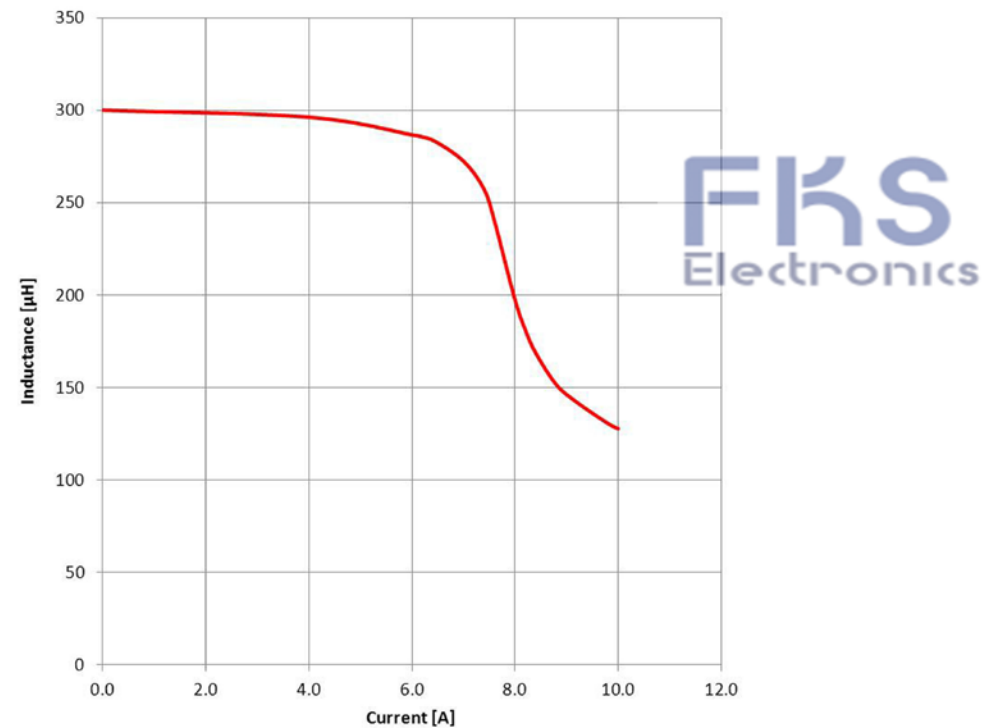
A4

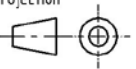
Size: RM12

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F1 Typical Inductance vs. Current Characteristics:



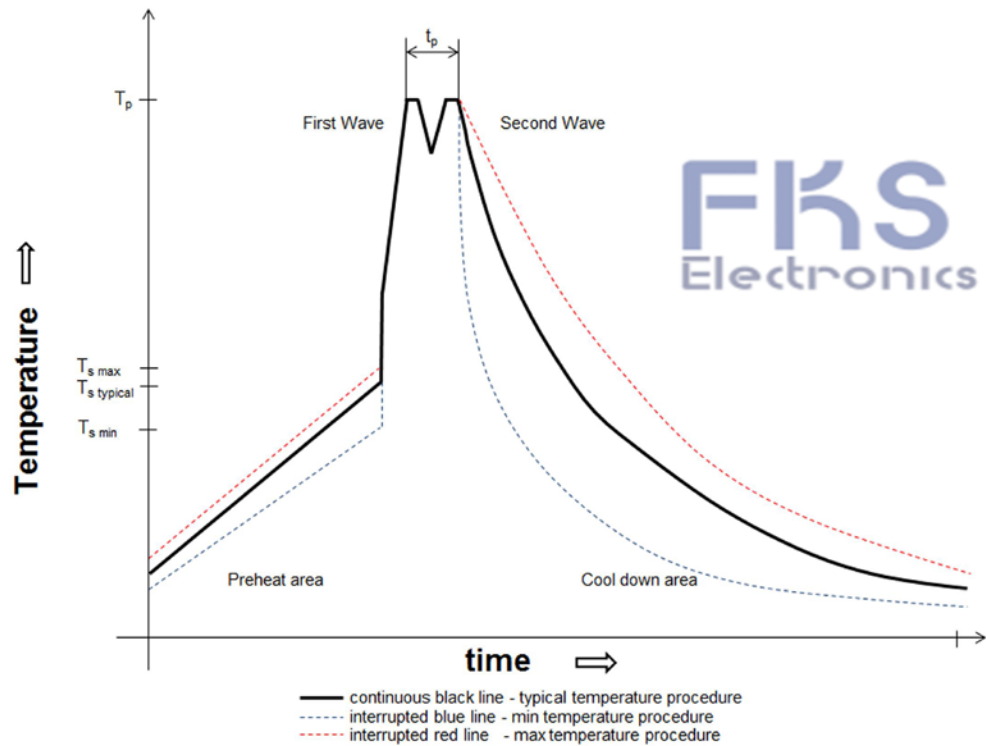
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	DATE							
					PFC Choke			
					Order.- No.	SIZE		
					FKS760804310	A4		
					Size: RM12			

H Soldering Specifications:

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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	
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				FKS Electronics		Order.- No.	SIZE
						FKS760804310	A4
	DATE					Size: RM12	