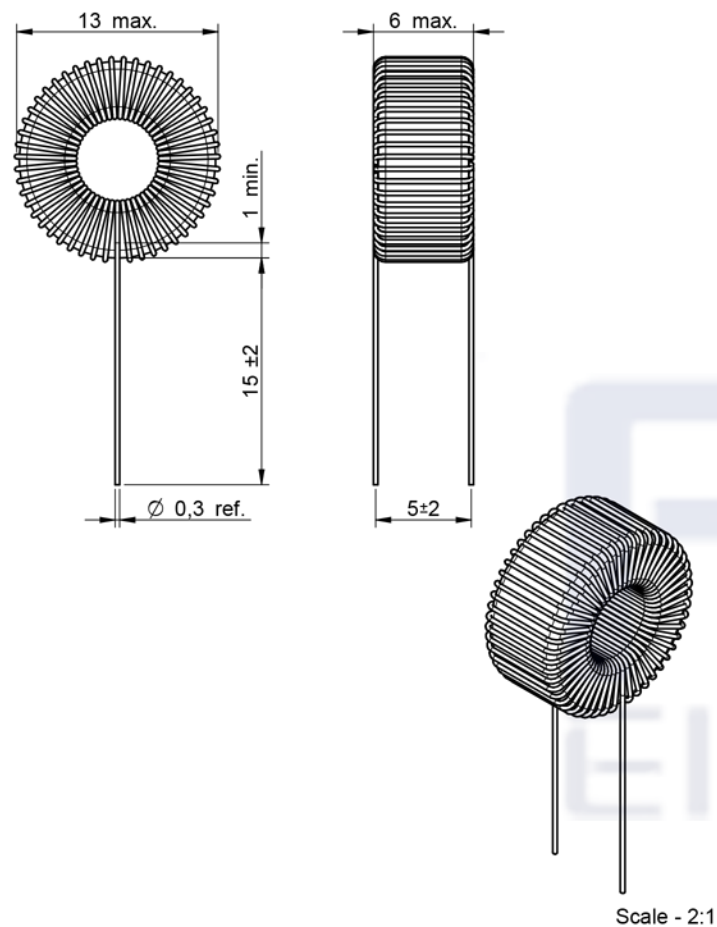


Dimensions: [mm]



Schematic:



Electrical Properties:

Properties	Test conditions		Value	Unit	Tol.
Inductance	10 kHz/ 5 mA	L	36	µH	±20%
Rated Current	ΔT = 40 K	I _R	1.6	A	max.
DC Resistance		R _{DC}	0.4	Ω	max.

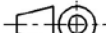
General Properties:

It is recommended that the temperature of the component does not exceed +105°C under worst case conditions	
Ambient Temperature (referring to I _R)	-40 °C up to +65 °C
Operating Temperature	-40 °C up to +105 °C
Storage Temperature (in original packaging)	-20°C up to +40°C, 75% RH max.
Test conditions of Electrical Properties: +20°C, 33% RH if not specified differently	

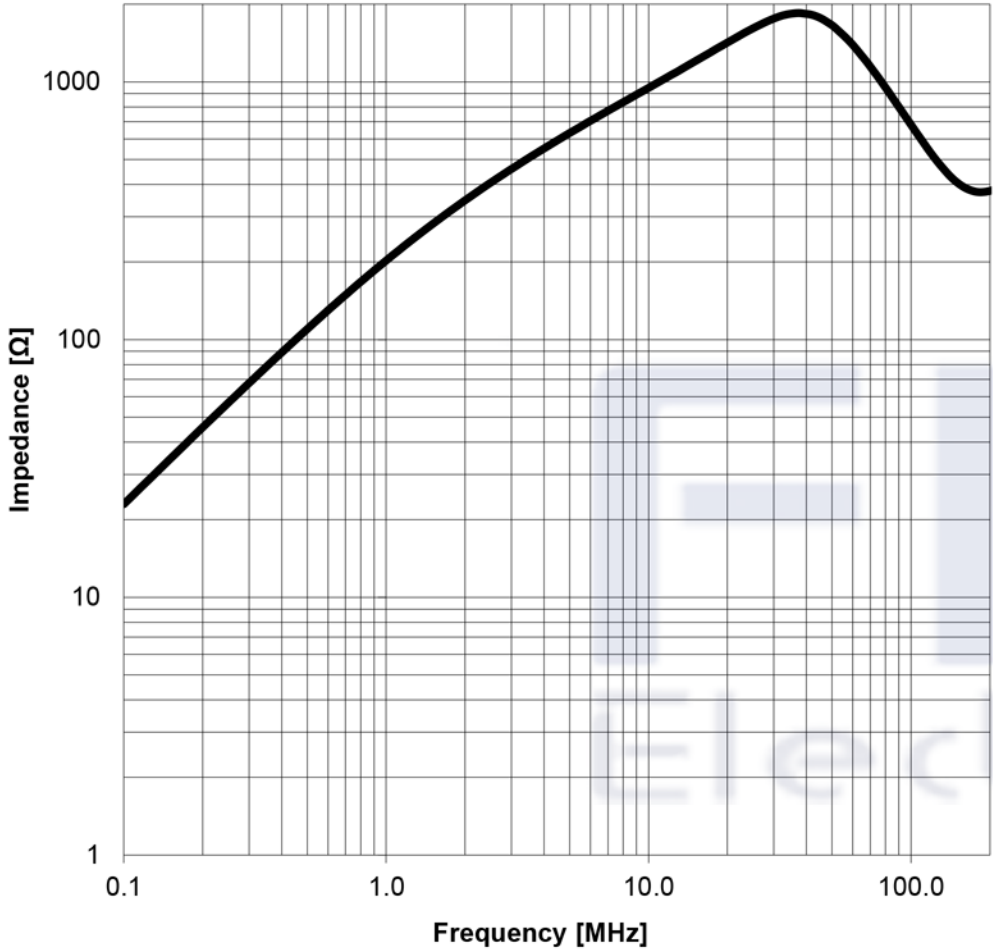
Shaanxi FKS Electronic Parts Import&Export Co.,Ltd.
FKS(Xi'an) Electronic Technology Co.,Ltd.
Adress: B1 Building,Western Cloud Valley,Fengxi New Town,
Xixian New Area,Xi'an City, Shaanxi Province,China.
Tel: +86-29-8868 5333
Fax: +86-29-8868 0913

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Electronics



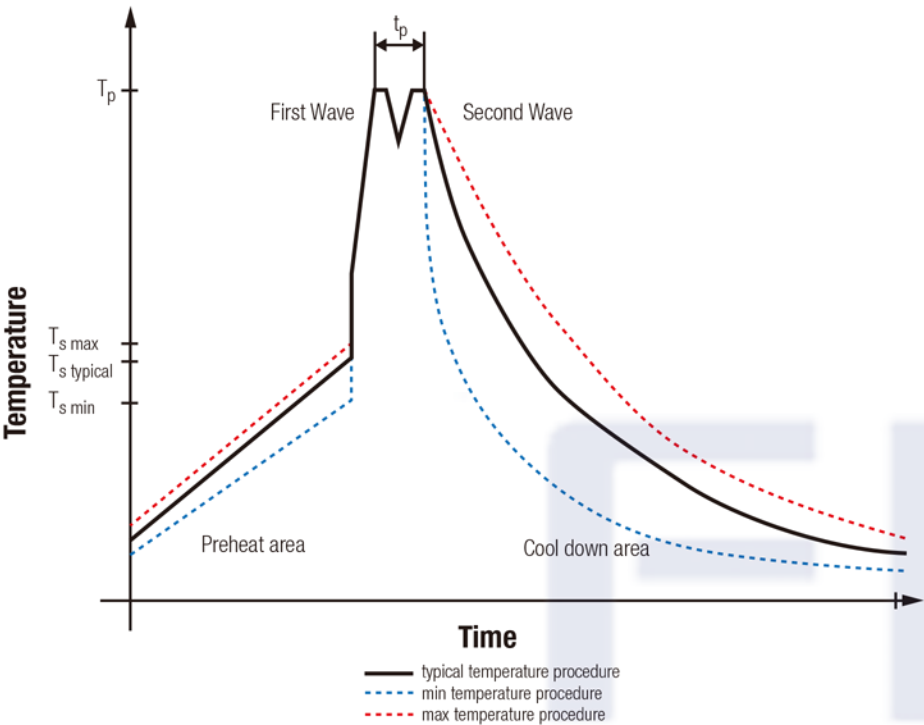
		GENERAL TOLERANCE DIN ISO 2768-1m		PROJECTION METHOD 			
DESCRIPTION Leaded Toroidal Line Choke							
				ORDER CODE FKS7447030			
REVISION 007.009		STATUS Valid					

Typical Impedance Characteristics:



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			DESCRIPTION Leaded Toroidal Line Choke		ORDER CODE FKS7447030		
					REVISION 007.009	STATUS Valid	

Classification Wave Soldering Profile:



Classification Wave Soldering Profile:

Profile Feature		Pb-Free Assembly	Sn-Pb Assembly
Preheat Temperature Min	$T_{s \text{ min}}$	100 °C	100 °C
Preheat Temperature Typical	$T_{s \text{ typical}}$	120 °C	120 °C
Preheat Temperature Max	$T_{s \text{ max}}$	130 °C	130 °C
Preheat Time t_s from $T_{s \text{ min}}$ to $T_{s \text{ max}}$	t_s	70 seconds	70 seconds
Ramp-up Rate	ΔT	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 seconds each wave	max. 10 seconds max. 5 seconds each wave
Ramp-down Rate, Min		~ 2 K/ second	~ 2 K/ second
Ramp-down Rate, Typical		~ 3.5 K/ second	~ 3.5 K/ second
Ramp-down Rate, Max		~ 5 K/ second	~ 5 K/ second
Time 25°C to 25°C		4 minutes	4 minutes

refer to EN61760-1:2006

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 		DESCRIPTION WE-FI Leaded Toroidal Line Choke			ORDER CODE FKS7447030	
		REVISION 007.009	STATUS Valid			