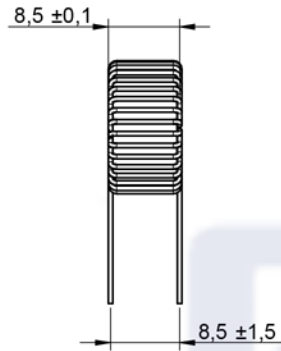
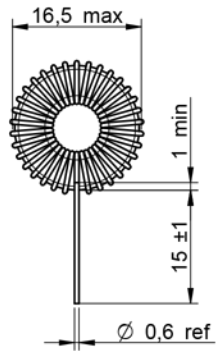


**Dimensions: [mm]**



Scale - 1:1

**Schematic:**



**Electrical Properties:**

Properties	Test conditions		Value	Unit	Tol.
Inductance	10 kHz/ 5 mA	L	150	μH	±20%
Rated Current	ΔT = 40 K	I <sub>R</sub>	2.5	A	max.
DC Resistance		R <sub>DC</sub>	0.1	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 <sub>R</sub> )	-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

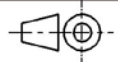
Shaanxi FKS Electronic Parts Import&Export Co.,Ltd.  
 FKS(Xi'an) Electronic Technology Co.,Ltd.  
 Address: B1 Building,Western Cloud Valley,Fengxi New Town,  
 Xixian New Area,Xi'an City, Shaanxi Province,China.  
 Tel: +86-29-8868 5333  
 Fax: +86-29-8868 0913

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Electronics



GENERAL TOLERANCE  
DIN ISO 2768-1m

PROJECTION  
METHOD



DESCRIPTION

**Leaded Toroidal Line Choke**

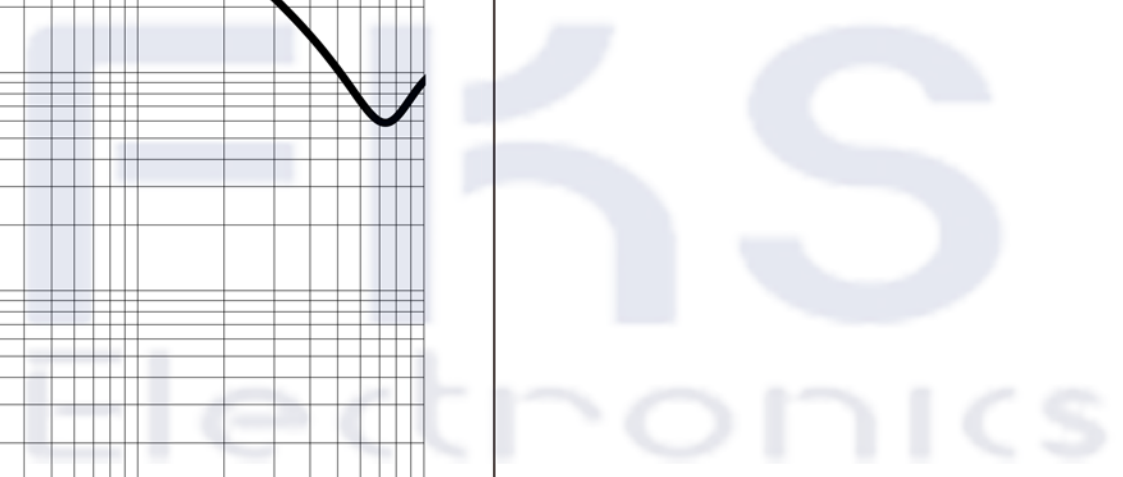
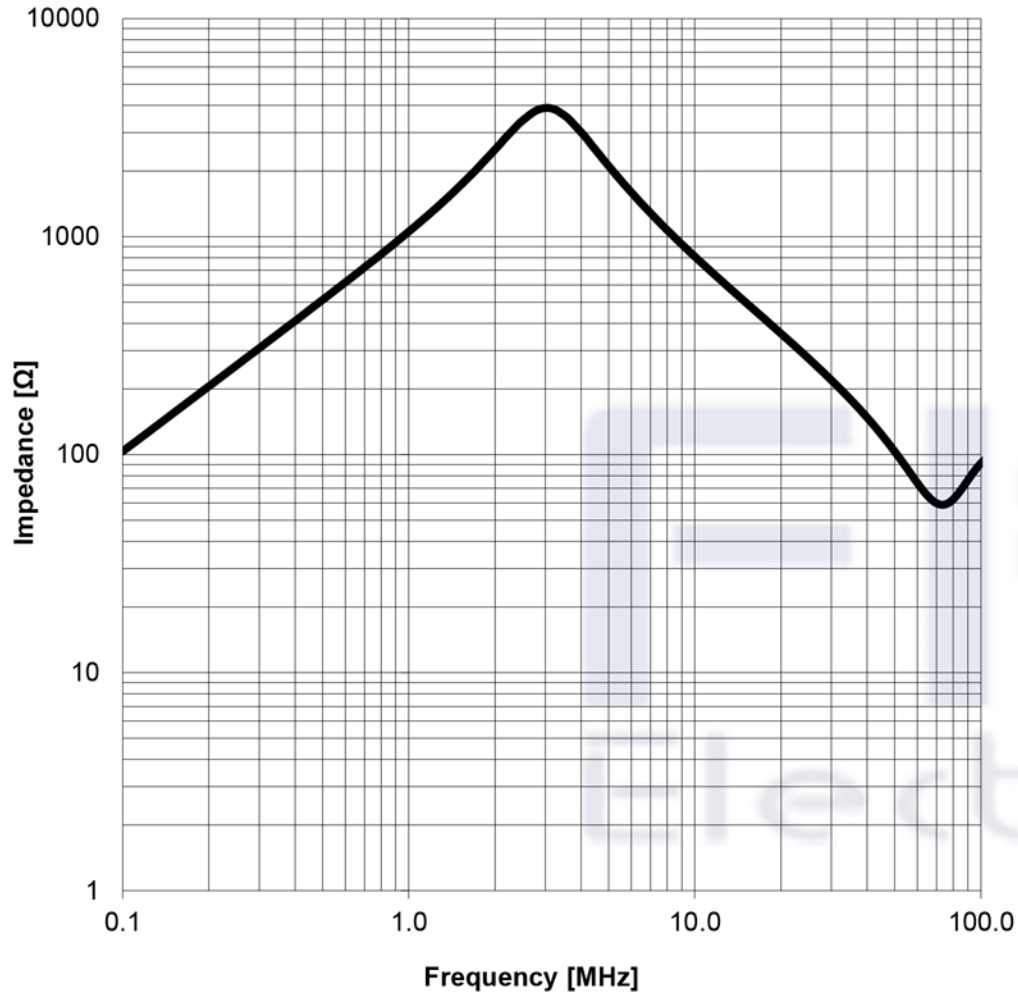
ORDER CODE


FKS7447018

REVISION  
008.007

STATUS  
Valid

**Typical Impedance Characteristics:**

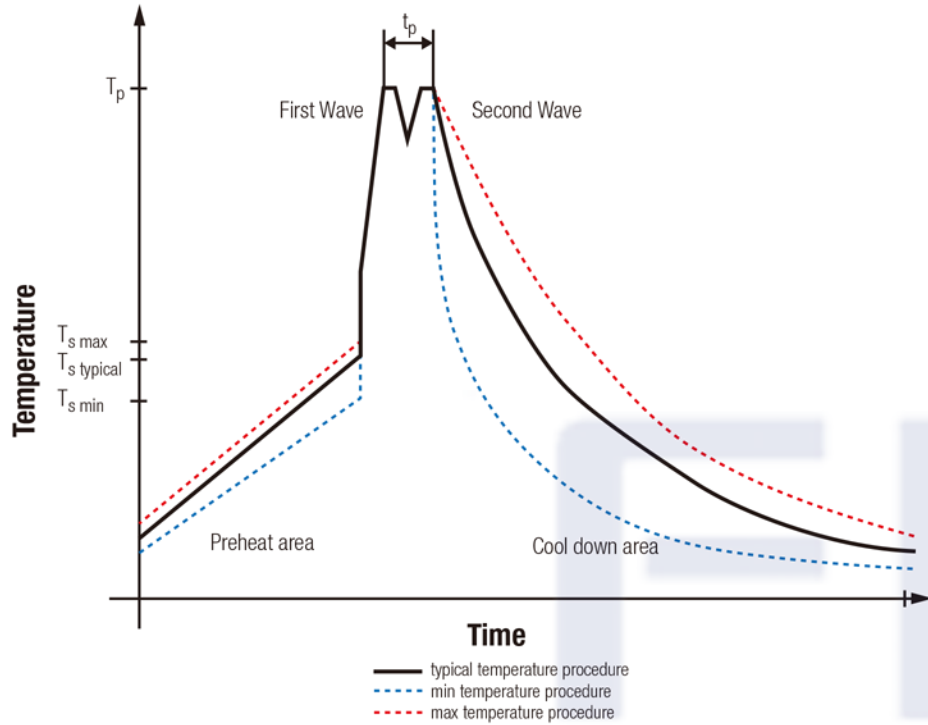


Shaanxi FKS Electronic Parts Import&Export Co.,Ltd. FKS(Xi'an) Electronic Technology Co.,Ltd. Address: B1 Building,Western Cloud Valley,Fengxi New Town, Xixian New Area,Xi'an City, Shaanxi Province,China. Tel: +86-29-8868 5333 Fax: +86-29-8868 0913		GENERAL TOLERANCE DIN ISO 2768-1m		PROJECTION METHOD 	
DESCRIPTION <b>Leaded Toroidal Line Choke</b>			ORDER CODE FKS7447018		
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### 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	$\Delta T$	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

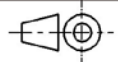
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DESCRIPTION

**Leaded Toroidal Line Choke**

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