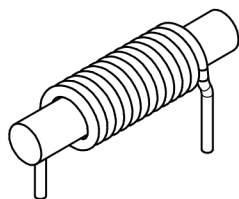
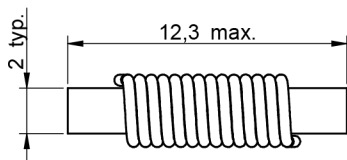
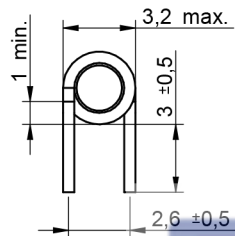
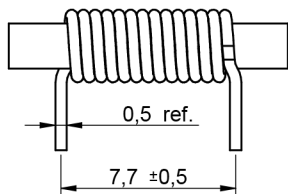


Dimensions: [mm]



Scale - 2:1

Schematic:



Electrical Properties:

Properties	Test conditions		Value	Unit	Tol.
Inductance	10 kHz / 5 mA	L	2	μH	±25%
Rated Current	ΔT = 40 K	I _R	2.5	A	typ.
DC Resistance		R _{DC}	11	mΩ	±20%
Self Resonant Frequency		f _{res}	110	MHz	typ.

General Properties:

It is recommended that the temperature of the component does not exceed +150°C under worst case conditions

Ambient Temperature (referring to I _R)	-40 °C up to +110 °C
Operating Temperature	-40 °C up to +150 °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.

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FKS
Electronics

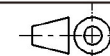


CREATED

CHECKED

GENERAL TOLERANCE
DIN ISO 2768-1m

PROJECTION
METHOD



DESCRIPTION

WE-SD Rod Core Choke

ORDER CODE

FKS-744710203

REVISION

STATUS

Valid

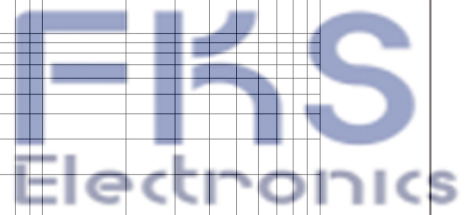
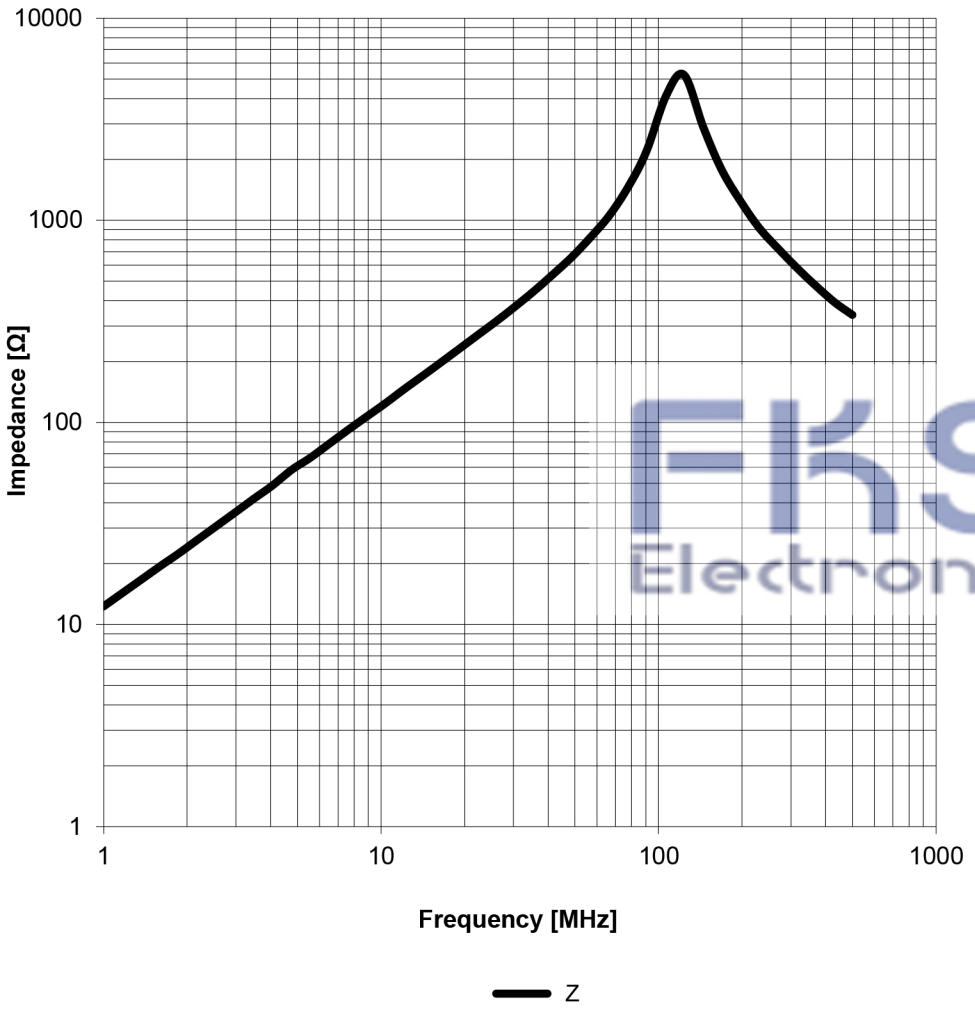
DATE (YYY-MM-DD)

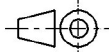


2015-11-10

BUSINESS UNIT

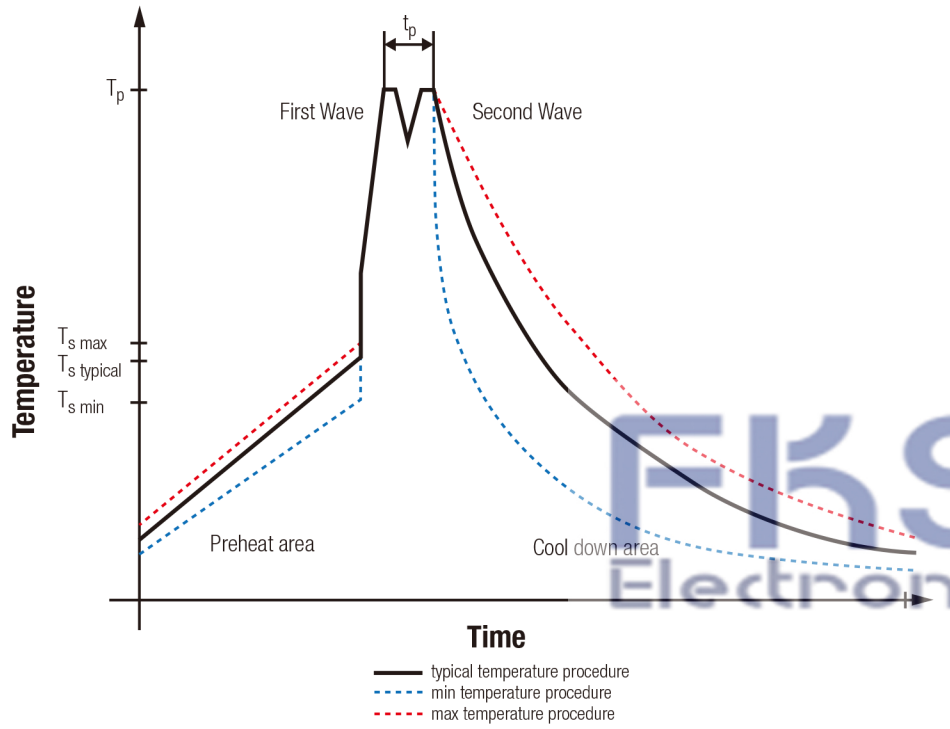
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Typical Impedance Characteristics:



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DESCRIPTION WE-SD Rod Core Choke				ORDER CODE FKS-744710203	
 		REVISION	STATUS Valid	DATE (YYY-MM-DD) 2015-11-10	BUSINESS UNIT
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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	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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