

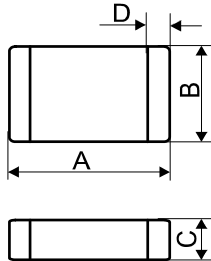
Spezifikation für Freigabe / specification for release

Kunde / customer : _____
 Artikelnummer / part number : **742792151** LF
 Bezeichnung : **Multilayer-SMD-Ferrit**
 description : **Multilayer-SMD-Ferrite**



DATUM / DATE : 2007-03-19

A Mechanische Abmessungen / dimensions:

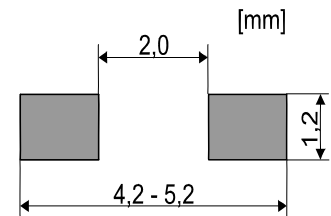


	Größe / size 1206	
A	3,2 ± 0,2	mm
B	1,6 ± 0,2	mm
C	1,1 ± 0,2	mm
D	0,5 ± 0,3	mm

B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Impedanz / impedance	100 MHz	Z	70	Ω	±25%
Max. Impedanz / max. impedance	600 MHz	Z	105	Ω	typ.
DC-Widerstand / DC-resistance		R _{DC}	0,300	Ω	max.
Nennstrom / rated current		I _{DC}	300	mA	max.

C Lötpad / soldering spec.:



D Prüfgeräte / test equipment:

HP 4396B / HP 16192A für/for Z und/and material
HP 34401 A für/for R_{DC} und/and IDC

E Testbedingungen / test conditions:

Luftfeuchtigkeit / humidity: 33%
 Umgebungstemperatur / temperature: +20°C

F Werkstoffe & Zulassungen / material & approvals:

Basismaterial / base material: Ferrit / ferrite

G Eigenschaften / general specifications:

Lagertemperatur / storage temperature: -20°C - +60°C
 Betriebstemp. / operating temperature: -55°C - +125°C

Freigabe erteilt / general release:	Kunde / customer				
	Unterschrift / signature				
Datum / date	Würth Elektronik				
Geprüft / checked	Kontrolliert / approved				
	Name		Änderung / modification	Datum / date	
	Skle	Version 5		07-03-19	
	SSt	Update		05-12-16	
	SST	RoHS Update		04-10-11	
	LF	Update 2GHz		04-01-14	
	JH	Neugestaltung		00-12-06	

Würth Elektronik eiSos GmbH & Co. KG

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<http://www.we-online.com>

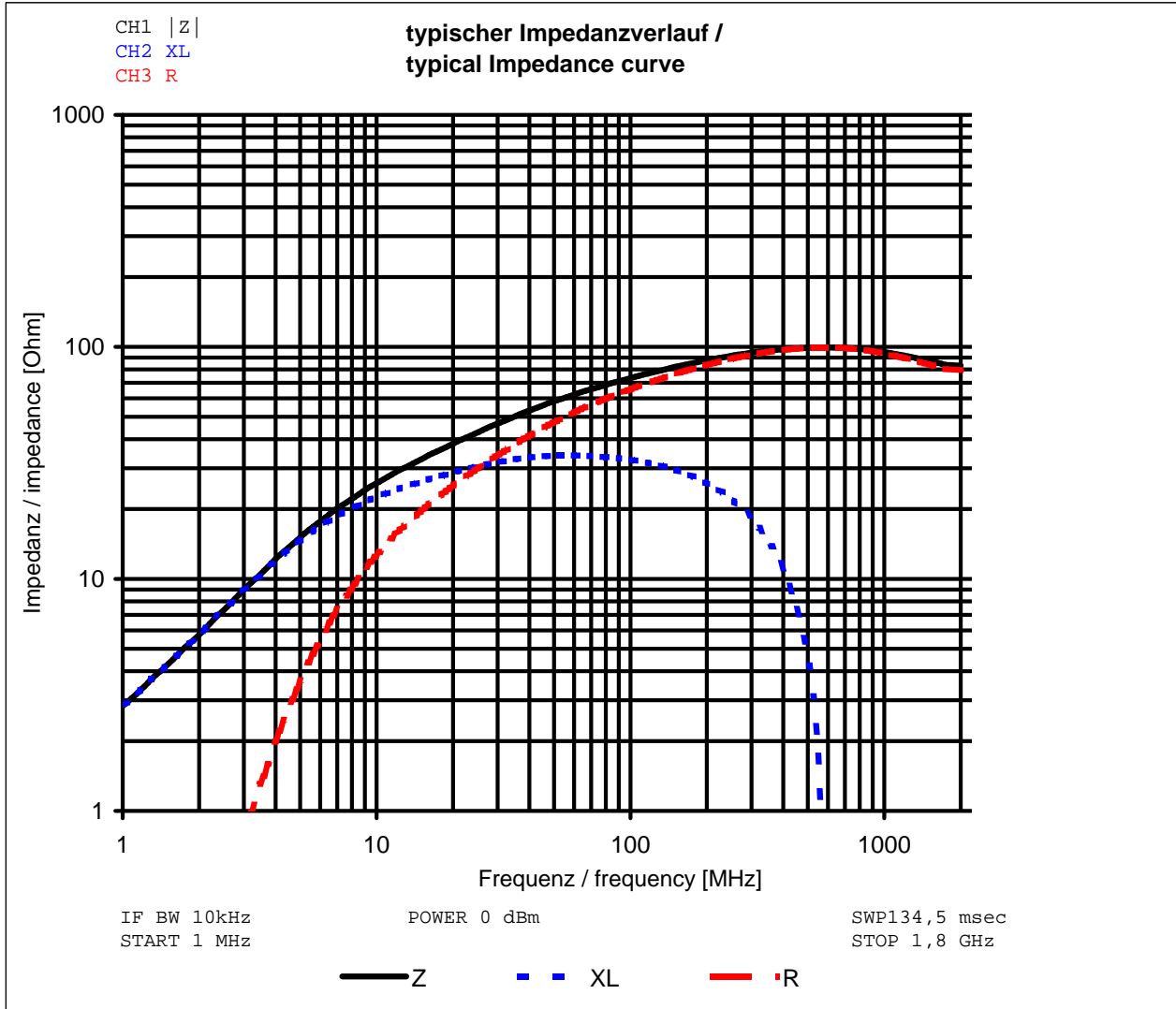
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WÜRTH ELEKTRONIK
 DATUM / DATE : 2007-03-19

H Impedanzverlauf / impedance curve:



Freigabe erteilt / general release:	Kunde / customer	
.....	Skle Version 5 07-03-19
Datum / date	Unterschrift / signature	SSt Update 05-12-16
.....	SST RoHS Update 04-10-11
Geprüft / checked	Kontrolliert / approved	LF Update 2GHz 04-01-14
.....	JH Neugestaltung 00-12-06
		Name Änderung / modification Datum / date

This electronic component has been designed and developed for usage in general electronic equipment. Before incorporating this component into any equipment where higher safety and reliability is especially required or if there is the possibility of direct damage or injury to human body, for example in the range of aerospace, aviation, nuclear control, submarine, transportation, (automotive control, train control, ship control), transportation signal, disaster prevention, medical, public information network etc, Würth Elektronik eiSos GmbH must be informed before the design-in stage. In addition, sufficient reliability evaluation checks for safety must be performed on every electronic component which is used in electrical circuits that require high safety and reliability functions or performance.

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