

Spezifikation für Freigabe / specification for release

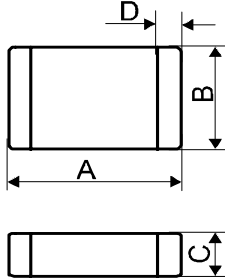
Kunde / customer : _____
 Artikelnummer / part number : **742792608**
 Bezeichnung : **Multilayer-SMD-Ferrit**
 description : **Multilayer-SMD-Ferrite**

LF



DATUM / DATE : 2005-12-16

A Mechanische Abmessungen / dimensions:

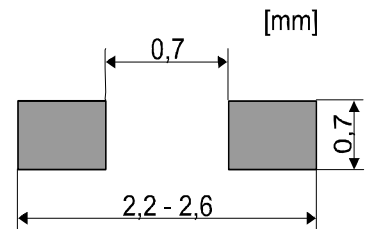


	Größe / size 0603	
A	1,6 ± 0,2	mm
B	0,8 ± 0,2	mm
C	0,8 ± 0,2	mm
D	0,3 ± 0,2	mm

B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Impedanz / impedance	100 MHz	Z	47	Ω	±25%
Max. Impedanz / max. impedance	1000 MHz	Z	75	Ω	typ.
DC-Widerstand / DC-resistance		R _{DC}	0,10	Ω	max.
Nennstrom / rated current		I _{DC}	500	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		
.....	SSt	Update 05-12-16
Datum / date	Unterschrift / signature	LF	IDC 05-01-10
.....	SST	RoHS Update 04-10-11
.....	LF	Update 2GHz 04-01-14
Geprüft / checked	Kontrolliert / approved	Name	Änderung / modification Datum / date

Würth Elektronik eiSos GmbH & Co. KG

D-74638 Waldenburg · Max-Eyth-Strasse 1 - 3 · Germany · Telefon (+49) (0) 7942 - 945 - 0 · Telefax (+49) (0) 7942 - 945 - 400
<http://www.we-online.com>

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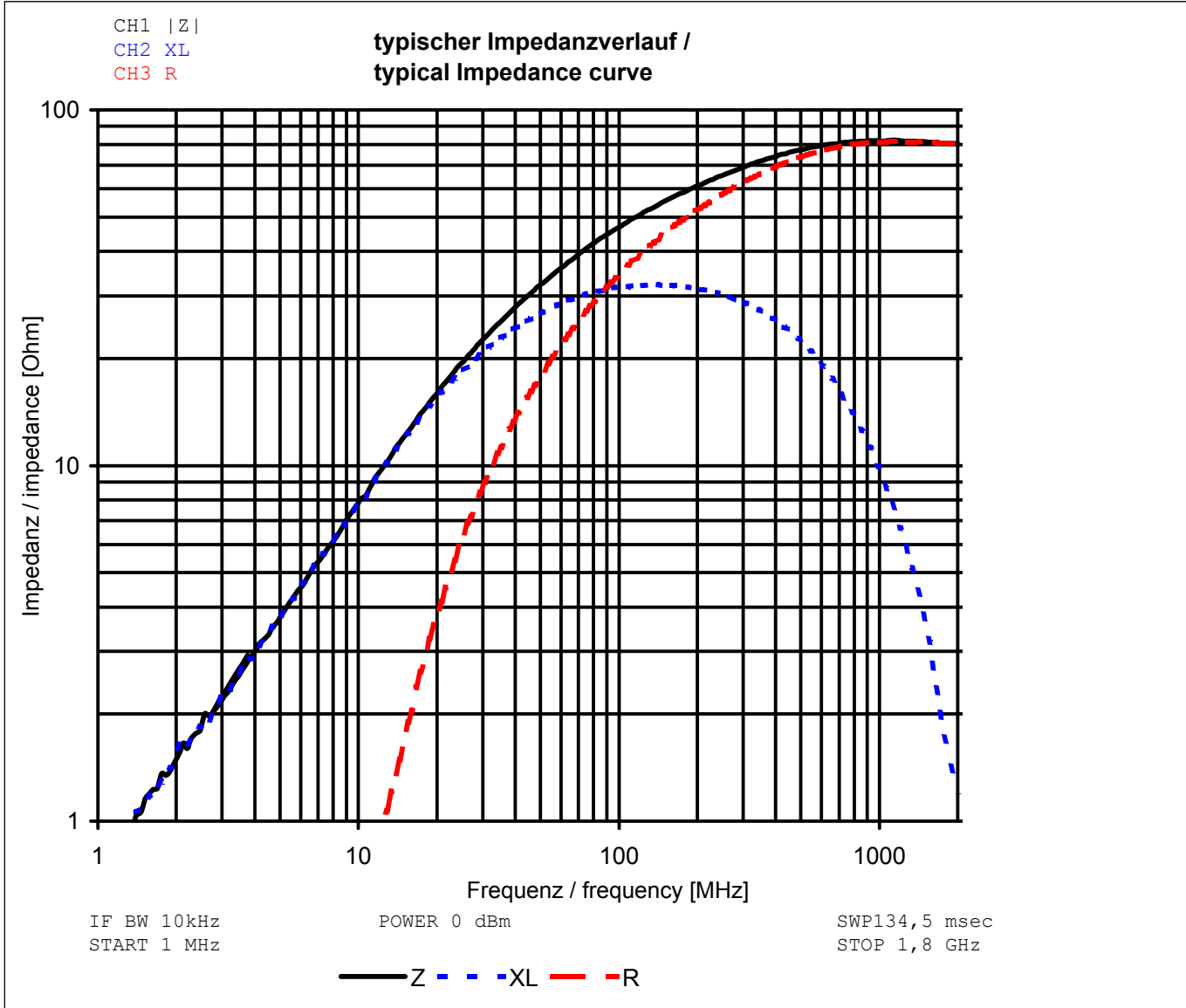
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H typischer Impedanzverlauf / typical impedance curve:



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.....			
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	Würth Elektronik	LF	IDC	05-01-10
		SST	RoHS Update	04-10-11
		LF	Update 2GHz	04-01-14
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This electronic component is designed and developed with the intention for use in general electronics equipments. Before incorporating the components into any equipments in the field such as aerospace, aviation, nuclear control, submarine, transportation, (automotive control, train control, ship control), transportation signal, disaster prevention, medical, public information network etc. where higher safety and reliability are especially required or if there is possibility of direct damage or injury to human body. In addition, even electronic component in general electronic equipments, when used in electrical circuits that require high safety, reliability functions or performance, the sufficient reliability evaluation-check for the safety must be performed before use. It is essential to give consideration when to install a protective circuit at the design stage.

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