

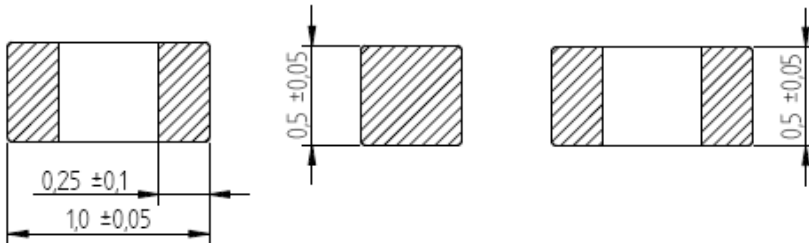
Spezifikation für Freigabe / specification for release

Kunde / customer : _____
 Artikelnummer / part number : **74279270**
 Bezeichnung : **Multilayer-SMD-Ferrit**
 description : **Multilayer-SMD-Ferrite**



DATUM / DATE : 2009-07-28

A Mechanische Abmessungen / dimensions:

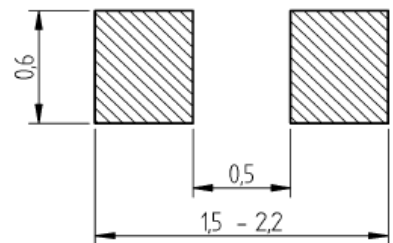


	Größe / size 0402	
A	1.0 ± 0.05	mm
B	0.5 ± 0.05	mm
C	0.5 ± 0.05	mm
D	0.25 ± 0.1	mm

B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Impedanz / impedance	100 MHz	Z	40	Ω	±25%
Max. Impedanz / max. impedance	800 MHz	Z	60	Ω	typ.
DC-Widerstand / DC-resistance		R _{DC}	0.30	Ω	max.
Nennstrom / rated current		I _{DC}	300	mA	max.

C Lötpad / soldering spec.:



D Prüfgeräte / test equipment:

Agilent E4991A / Agilent 16197A 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 der Bauteile in Tape&Reel Verpackung
 storage temperature on Tape&Reel: **-20°C - + 60°C**

Betriebstemp. / operating temperature: **-55°C - +125°C**

Freigabe erteilt / general release:	Kunde / customer		
		SMU	Version 6 09-07-28
		SMU	Update 07-09-20
		SSt	Update 05-12-16
		LF	IDC 05-01-10
		SST	RoHS Update 04-10-11
		LF	Update 2GHz 04-01-14
		Name	Änderung / modification Datum / date

Würth Elektronik eiSos GmbH & Co. KG

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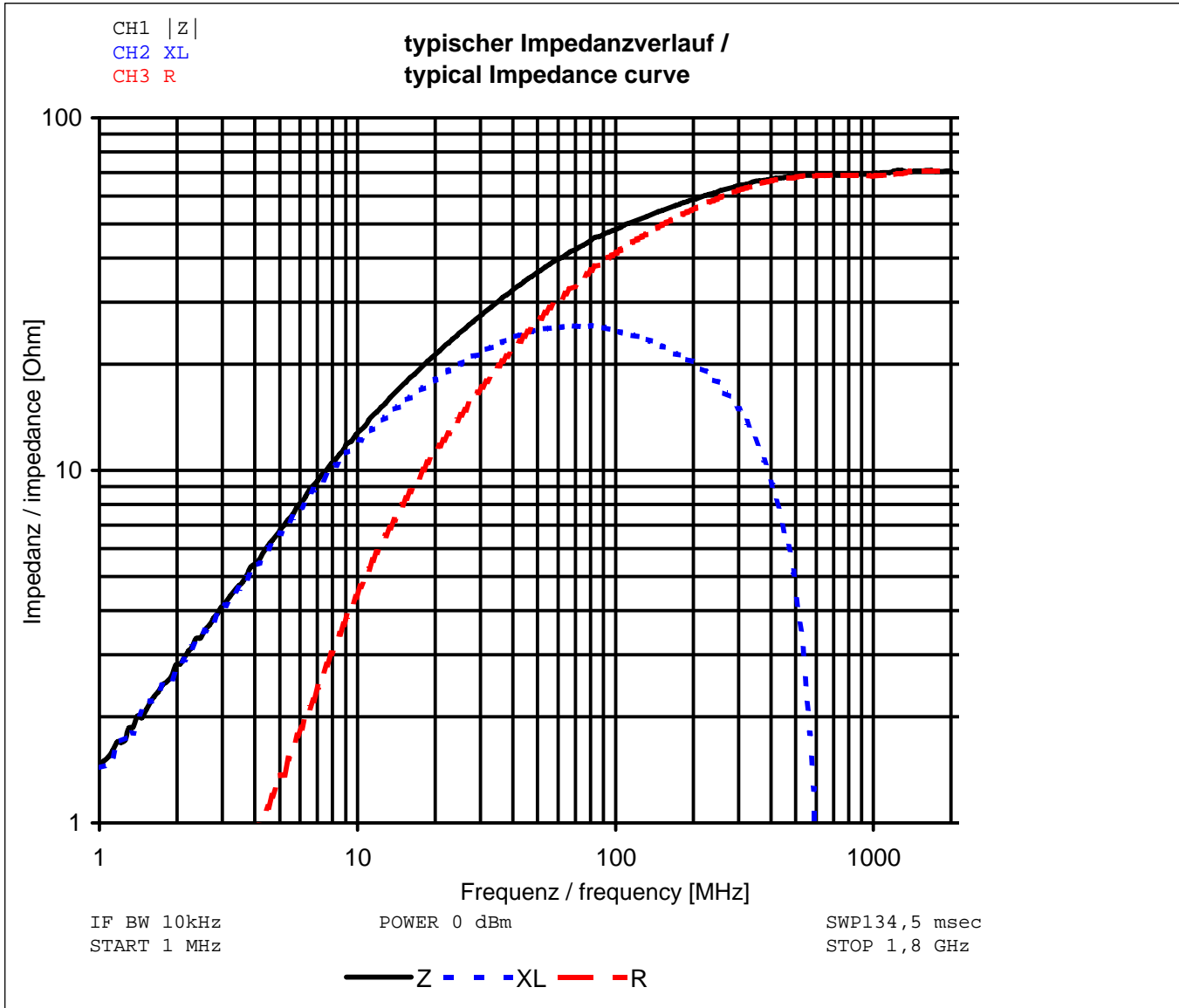
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H Impedanzverlauf / impedance curve:



Freigabe erteilt / general release:	Kunde / customer			
Datum / date	Unterschrift / signature			
	Würth Elektronik			
Geprüft / checked	Kontrolliert / approved			
		Name	Änderung / modification	Datum / date
		SMU	Version 6	09-07-28
		SMU	Update	07-09-20
		SSt	Update	05-12-16
		LF	IDC	05-01-10
		SST	RoHS Update	04-10-11
		LF	Update 2GHz	04-01-14

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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