

# Spezifikation für Freigabe / specification for release

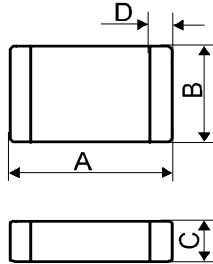
Kunde / customer : \_\_\_\_\_  
 Artikelnummer / part number : **742792664**  
 Bezeichnung : **Multilayer-SMD-Ferrit**  
 description : **Multilayer-SMD-Ferrite**

LF



DATUM / DATE : 2006-07-18

## A Mechanische Abmessungen / dimensions:

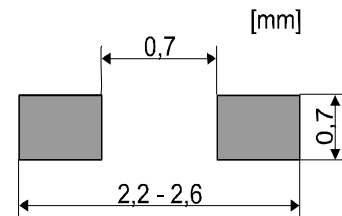


	Größe / size 0603	
A	1,6 ± 0,2	mm
B	0,8 ± 0,2	mm
C	0,8 ± 0,2	mm
D	0,4 ± 0,2	mm

## B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Impedanz / impedance	100 MHz	Z	1000	Ω	±25%
Max. Impedanz / max. impedance	120 MHz	Z	1100	Ω	typ.
DC-Widerstand / DC-resistance		R <sub>DC</sub>	0,60	Ω	max.
Nennstrom / rated current		I <sub>DC</sub>	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<sub>DC</sub> 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		
Datum / date	Unterschrift / signature		
	Würth Elektronik		
Geprüft / checked	Kontrolliert / approved		
	SSt	Version 2	06-07-18
	SST	Version 1	05-02-10
	Name	Änderung / modification	Datum / date

### Würth Elektronik eiSos GmbH & Co. KG

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

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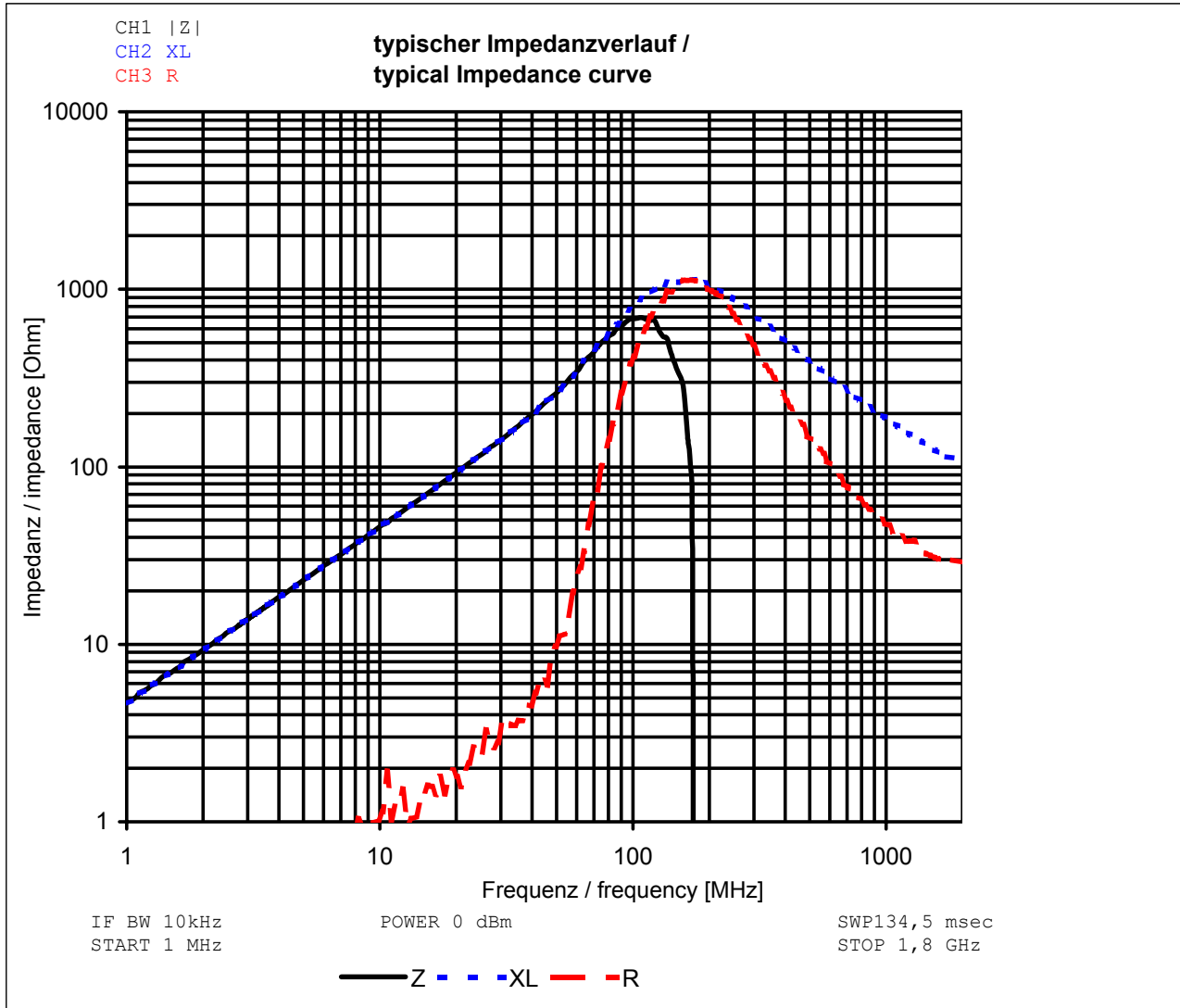
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## H typischer Impedanzverlauf / typical impedance curve:



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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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