

# Spezifikation für Freigabe / specification for release

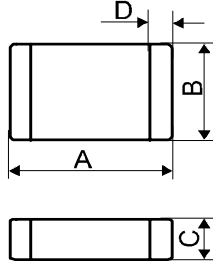
Kunde / customer : \_\_\_\_\_  
 Artikelnummer / part number : **742792663**  
 Bezeichnung : **Multilayer-SMD-Ferrit**  
 description : **Multilayer-SMD-Ferrite**

LF



DATUM / DATE : 2005-12-16

## A Mechanische Abmessungen / dimensions:

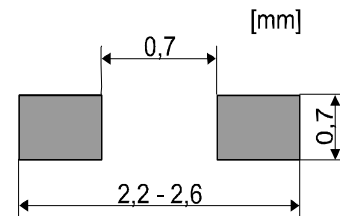


	Größe / size 0603	
A	1,6 ± 0,2	mm
B	0,8 ± 0,2	mm
C	0,8 ± 0,2	mm
D	0,3 ± 0,2	mm

## B Elektrische Eigenschaften / electrical properties:

## C Lötpad / soldering spec.:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Impedanz / impedance	100 MHz	Z	1000	Ω	±25%
Max. Impedanz / max. impedance	150 MHz	Z	1100	Ω	typ.
DC-Widerstand / DC-resistance		R <sub>DC</sub>	0,85	Ω	max.
Nennstrom / rated current		I <sub>DC</sub>	100	mA	max.



## D Prüfgeräte / test equipment:

## E Testbedingungen / test conditions:

HP 4396B / HP 16192A für/for Z und/and material  
 HP 34401 A für/for R<sub>DC</sub> und/and IDC

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

## F Werkstoffe & Zulassungen / material & approvals:

## G Eigenschaften / general specifications:

Basismaterial / base material: Ferrit / ferrite

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	Update	05-12-16
	SST	Version 1	05-02-10
	Name	Änderung / modification	Datum / date

### Würth Elektronik eiSos GmbH & Co. KG

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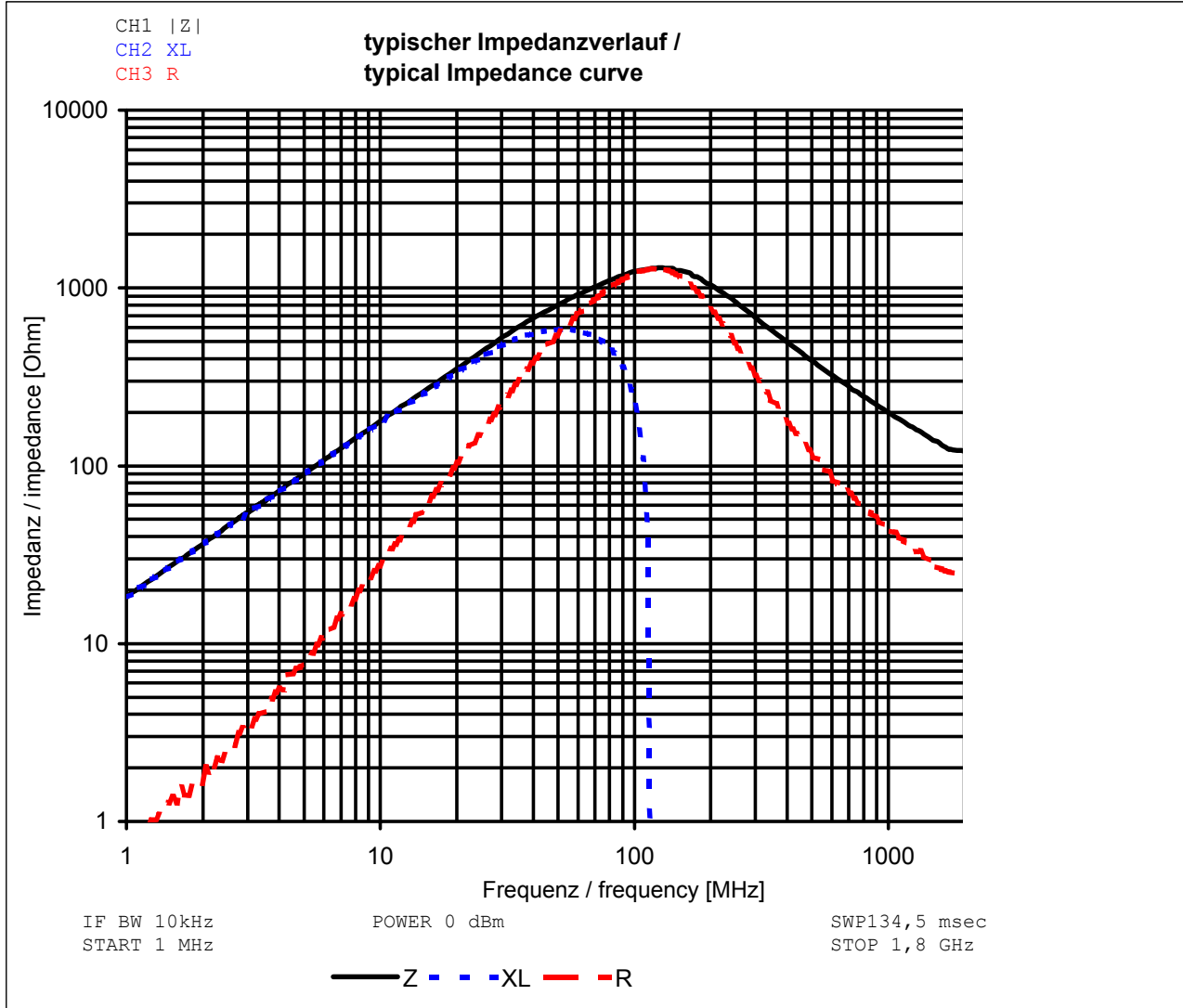
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## H typischer Impedanzverlauf / typical impedance curve:



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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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