

# Spezifikation für Freigabe / specification for release

Kunde / customer : \_\_\_\_\_

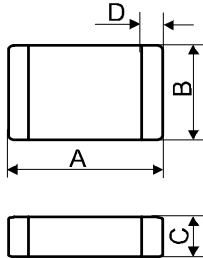
Artikelnummer / part number : **742792111** LF



Bezeichnung : **Multilayer-SMD-Ferrit**  
 description : **Multilayer-SMD-Ferrite**

DATUM / DATE : 2005-12-16

## A Mechanische Abmessungen / dimensions:

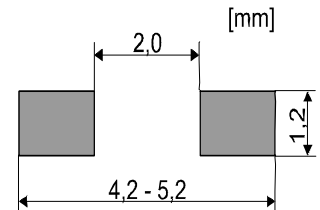


	Größe / size 1206	
A	<b>3,2 ± 0,2</b>	mm
B	<b>1,6 ± 0,2</b>	mm
C	<b>1,1 ± 0,2</b>	mm
D	<b>0,5 ± 0,3</b>	mm

## B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Impedanz / impedance	<b>100 MHz</b>	Z	<b>26</b>	Ω	<b>±25%</b>
Max. Impedanz / max. impedance	<b>1000 MHz</b>	Z	<b>40</b>	Ω	<b>typ.</b>
DC-Widerstand / DC-resistance		R <sub>DC</sub>	<b>0,040</b>	Ω	<b>max.</b>
Nennstrom / rated current		I <sub>DC</sub>	<b>3000</b>	mA	<b>max.</b>

## 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		SSt	Update
	.....		SST	RoHS Update
	Würth Elektronik		LF	Update 2GHz
	.....		JH	Neugestaltung
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>

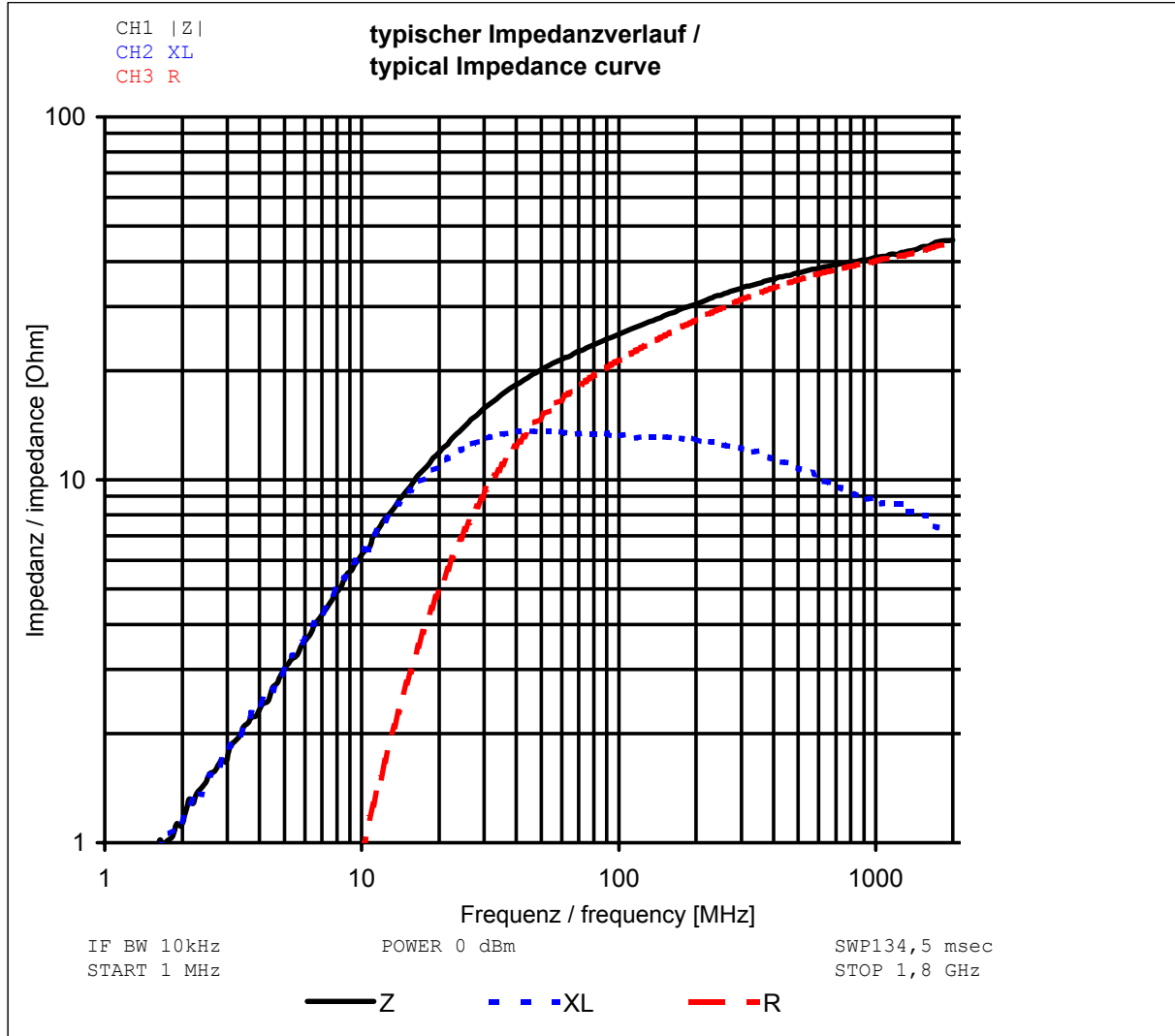
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 Artikelnummer / part number : **742792111** LF  
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## H Impedanzverlauf / impedance curve:



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

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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