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Spezifikation für Freigabe / specification for release

Kunde / customer : _____

Artikelnummer / part number : **742792622** LF

Bezeichnung : **Multilayer-SMD-Ferrit**

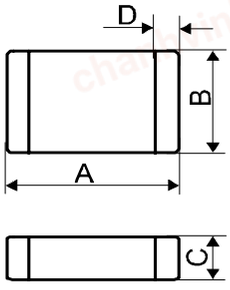
description : **Multilayer-SMD-Ferrite**

compliant RoHS WÜRTH ELEKTRONIK

WÜRTH ELEKTRONIK

DATUM / DATE : 2005-12-16

A Mechanische Abmessungen / dimensions:

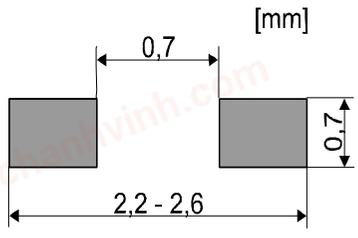


	Größe / size 0603	
A	**1,6 ± 0,2**	mm
B	**0,8 ± 0,2**	mm
C	**0,8 ± 0,2**	mm
D	**0,3 ± 0,2**	mm

B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Impedanz / impedance	**100 MHz**	Z	**180**	Ω	**±25%**
Max. Impedanz / max. impedance	**380 MHz**	Z	**290**	Ω	**typ.**
DC-Widerstand / DC-resistance		R_{DC}	**0,30**	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		
Datum / date	Unterschrift / signature	
Würth Elektronik		
Geprüft / checked	Kontrolliert / approved	

Name	Änderung / modification	Datum / date
SSt	Update	05-12-16
SST	RoHS Update	04-10-11
LF	Update 2GHz	04-01-14
JH	Neugestaltung	00-12-06

Würth Elektronik eiSos GmbH & Co. KG

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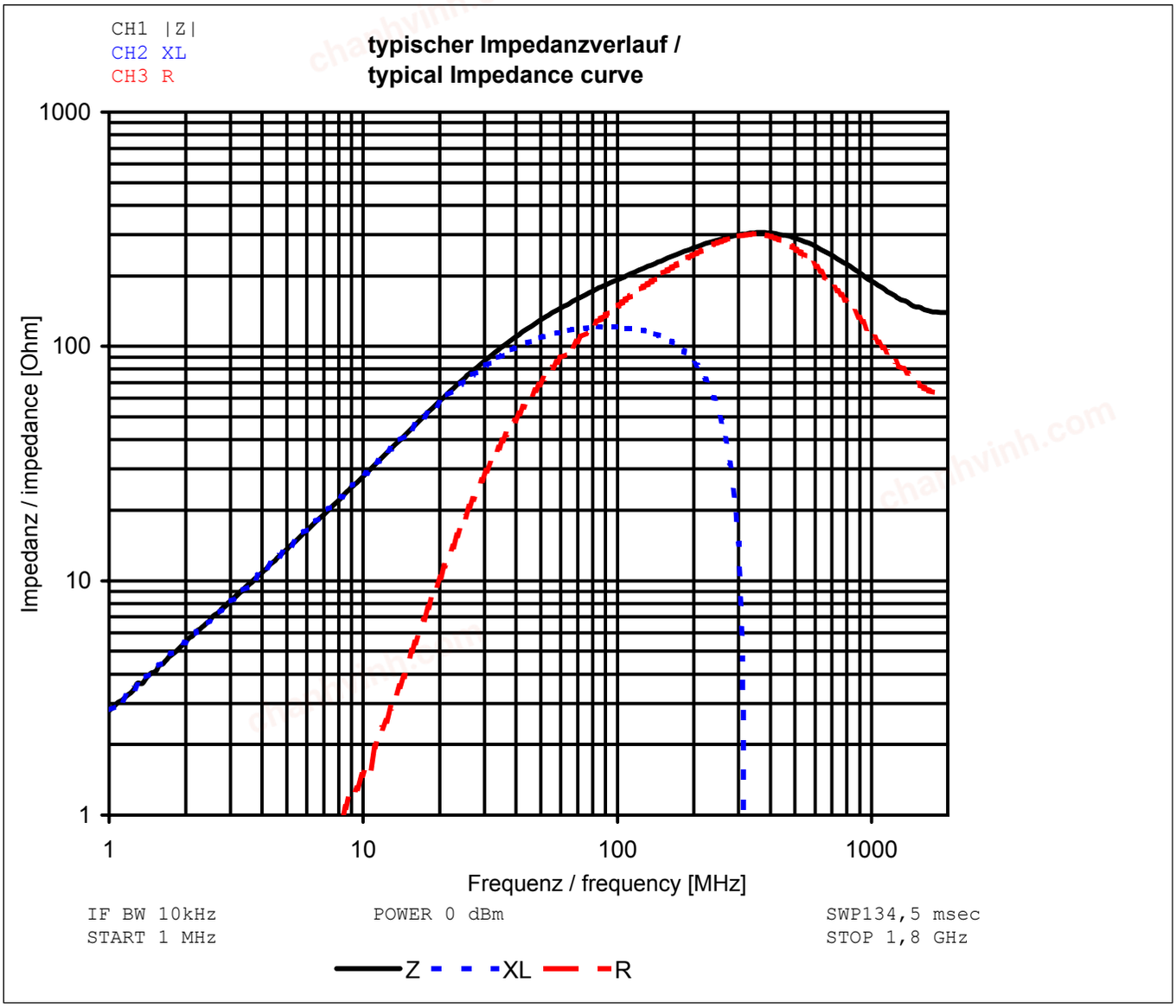
H typischer Impedanzverlauf / typical impedance curve:



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
		JH	Neugestaltung	00-12-06
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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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