

# Spezifikation für Freigabe / specification for release

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

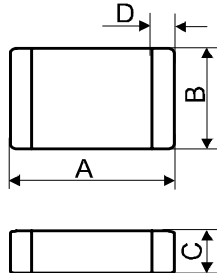
Artikelnummer / part number : **74279218**

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



DATUM / DATE : 2004-01-14

## A Mechanische Abmessungen / dimensions :

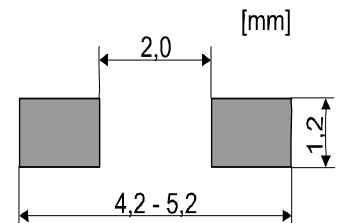


|   | Größe / size 1206 |    |
|---|-------------------|----|
| A | <b>3,2 ± 0,2</b>  | mm |
| B | <b>1,6 ± 0,2</b>  | mm |
| C | <b>1,1 ± 0,2</b>  | mm |
| D | <b>0,5 ± 0,3</b>  | mm |
|   |                   |    |
|   |                   |    |
|   |                   |    |
|   |                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

## B Elektrische Eigenschaften / electrical properties :

| Eigenschaften / properties     | Testbedingungen / test conditions |                 | Wert / value | Einheit / unit | tol.        |
|--------------------------------|-----------------------------------|-----------------|--------------|----------------|-------------|
| Impedanz / impedance           | <b>100 MHz</b>                    | Z               | <b>600</b>   | Ω              | <b>±25%</b> |
| Max. Impedanz / max. impedance | <b>90 MHz</b>                     | Z               | <b>700</b>   | Ω              | <b>typ.</b> |
| DC-Widerstand / DC-resistance  |                                   | R <sub>DC</sub> | <b>0,300</b> | Ω              | <b>max.</b> |
| Nennstrom / rated current      |                                   | I <sub>DC</sub> | <b>1.000</b> | mA             | <b>max.</b> |
|                                |                                   |                 |              |                |             |

## C Lötpad / soldering spec.



## D Prüfgeräte / test equipment :

**HP 4191 B** 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: 3 W 110

## G Eigenschaften / general specifications :

Lagertemperatur / storage temperature: -40°C - + 125°C  
Betriebstemp. / operating temperature: -40°C - +125°C

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

## Würth Elektronik eiSos GmbH & Co. KG

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

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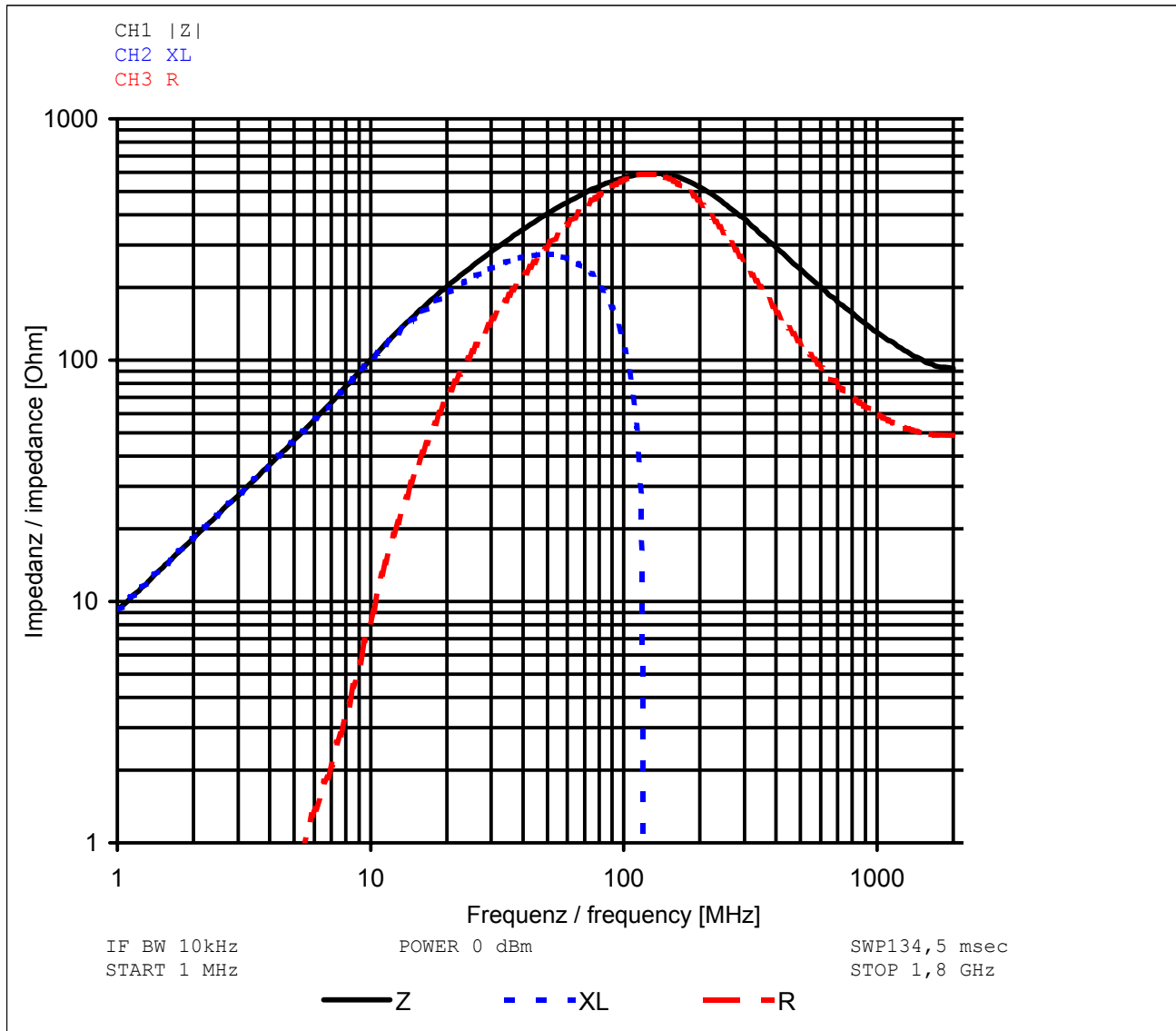
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## H Impedanzverlauf / impedance curve :



|                                     |                          |  |      |                         |              |
|-------------------------------------|--------------------------|--|------|-------------------------|--------------|
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