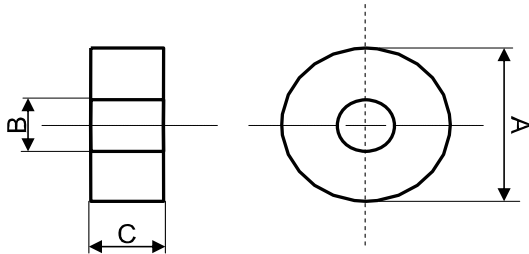


Spezifikation für Freigabe / specification for release

Kunde / customer : _____
 Artikelnummer / part number : **74270191**
 Bezeichnung : **FERRITRING**
 description : **TOROIDAL FERRITE**



A Mechanische Abmessungen / dimensions:



| | | |
|---|-------------------|----|
| A | 61,0 - 3,5 | mm |
| B | 35,5 - 2,0 | mm |
| C | 20,0 ± 0,4 | mm |
| | | |
| | | |
| | | |
| | | |

B Elektrische Eigenschaften / electrical properties:

| Eigenschaften / properties | Testbedingungen / test conditions | | Wert / value | Einheit / unit | Tol. |
|--------------------------------------|-----------------------------------|---|--------------|----------------|-------|
| Impedanz @ 1 Wg./ impedance @ 1 turn | 25 MHz | Z | 110 | Ω | ± 25% |
| Impedanz @ 1 Wg./ impedance @ 1 turn | 100 MHz | Z | 165 | Ω | ± 25% |
| | | | | | |
| Impedanz @ 2 Wg./ impedance @ 2 turn | 25 MHz | Z | 390 | Ω | typ. |
| Impedanz @ 2 Wg./ impedance @ 2 turn | 100 MHz | Z | 650 | Ω | typ |

C



D Prüfgeräte / test equipment:

E4991A für/for Z und/and material
16092A - Klemme / clamp
AWG26 - Ø 0,5mm - Länge/length: 165mm

E Testbedingungen / test conditions:

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

F Werkstoffe & Zulassungen / material & approvals:

Basismaterial / base material: 4 W 620

G Eigenschaften / general specifications:

Curietemperatur / curie temperature: + 150°C
 für Kabeldurchmesser / for cable diameter:
 Lagertemperatur / storage temperature: -55°C ~ + 85°C
 Betriebstemp. / operating temperature: -25°C ~ + 85°C

| | | | | |
|-------------------------------------|--------------------------|------|-------------------------|--------------|
| Freigabe erteilt / general release: | Kunde / customer | | | |
| | | | | |
| | | | | |
| Datum / date | Unterschrift / signature | | | |
| | Würth Elektronik | | | |
| | | | | |
| Geprüft / checked | Kontrolliert / approved | SMU | Version 1 | 07-11-13 |
| | | Name | Änderung / modification | Datum / date |

Würth Elektronik eiSos GmbH & Co. KG

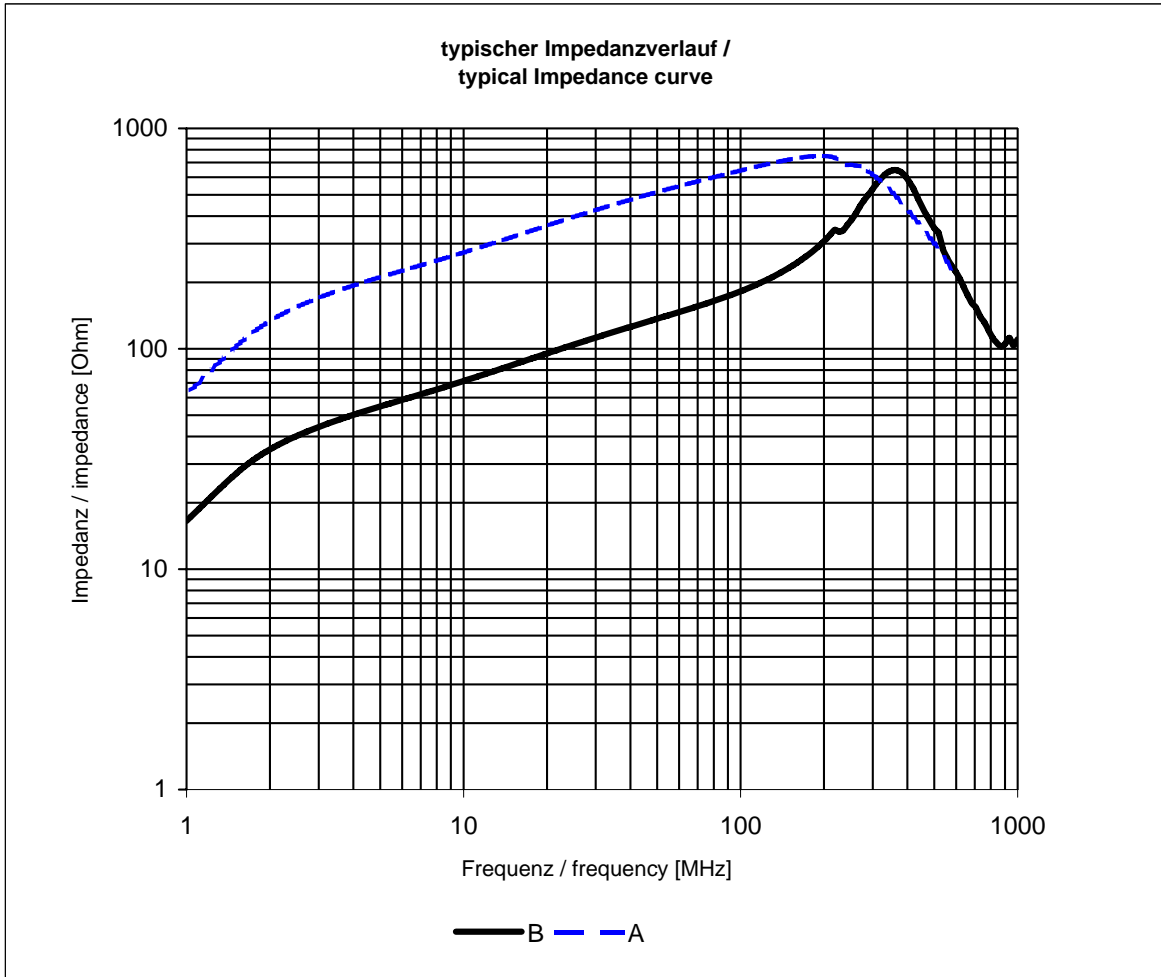
D-74638 Waldenburg · Max-Eyth-Strasse 1 - 3 · Germany · Telefon (+49) (0) 7942 - 945 - 0 · Telefax (+49) (0) 7942 - 945 - 400
<http://www.we-online.com>

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H Impedanzverlauf / impedance curve:



A: 2 x durch Bohrung Ferrit / 2 x times through ferrite

B: 1 x durch Bohrung Ferrit / 1 x times through ferrite

| | | | | |
|-------------------------------------|--------------------------|------|-------------------------|--------------|
| Freigabe erteilt / general release: | Kunde / customer | | | |
| Datum / date | Unterschrift / signature | | | |
| | Würth Elektronik | | | |
| Geprüft / checked | Kontrolliert / approved | SMU | Version 1 | 07-11-13 |
| | | Name | Änderung / modification | Datum / date |

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.

Würth Elektronik eiSos GmbH & Co. KG

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