

Spezifikation für Freigabe / specification for release

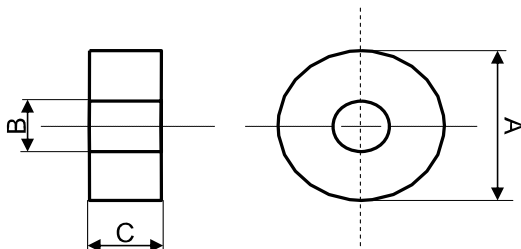
Kunde / customer :
 Artikelnummer / part number : 74270176



Bezeichnung : FERRITRING
 description : TOROIDAL FERRITE

DATUM / DATE : 2007-07-23

A Mechanische Abmessungen / dimensions:

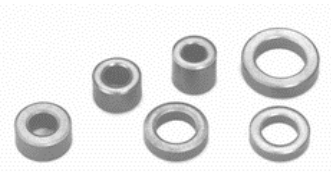


A	10,0 ± 0,4	mm
B	5,0 ± 0,3	mm
C	5,0 ± 0,3	mm

B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	Tol.
Impedanz @ 1 Wg./ impedance @ 1 turn	25 MHz	Z	38	Ω	± 25%
Impedanz @ 1 Wg./ impedance @ 1 turn	100 MHz	Z	60	Ω	± 25%
Impedanz @ 2 Wg./ impedance @ 2 turn	25 MHz	Z	105	Ω	typ.
Impedanz @ 2 Wg./ impedance @ 2 turn	100 MHz	Z	170	Ω	typ.

C



D Prüfgeräte / test equipment:

Agilent 4396 B für/for Z und/and material
 16092A - Klemme / clamp
 AWG26 - Ø 0,5mm - Länge/length: 100mm

E Testbedingungen / test conditions:

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

F Werkstoffe & Zulassungen / material & approvals:

Basismaterial / base material: 7W850

G Eigenschaften / general specifications:

Curietemperatur / curie temperature: + 160°C
 für Kabeldurchm. / for cable diameter [mm]: ≤ 4,7
 Lagertemperatur / storage temperature: -55°C ~ + 125°C
 Betriebstemp. / operating temperature: -25°C ~ + 125°C

Freigabe erteilt / general release:

Kunde / customer

Datum / date

Unterschrift / signature

Würth Elektronik

Geprüft / checked

Kontrolliert / approved

SMU	Version 2	07-07-23
SMU	Version 1	07-05-09
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>

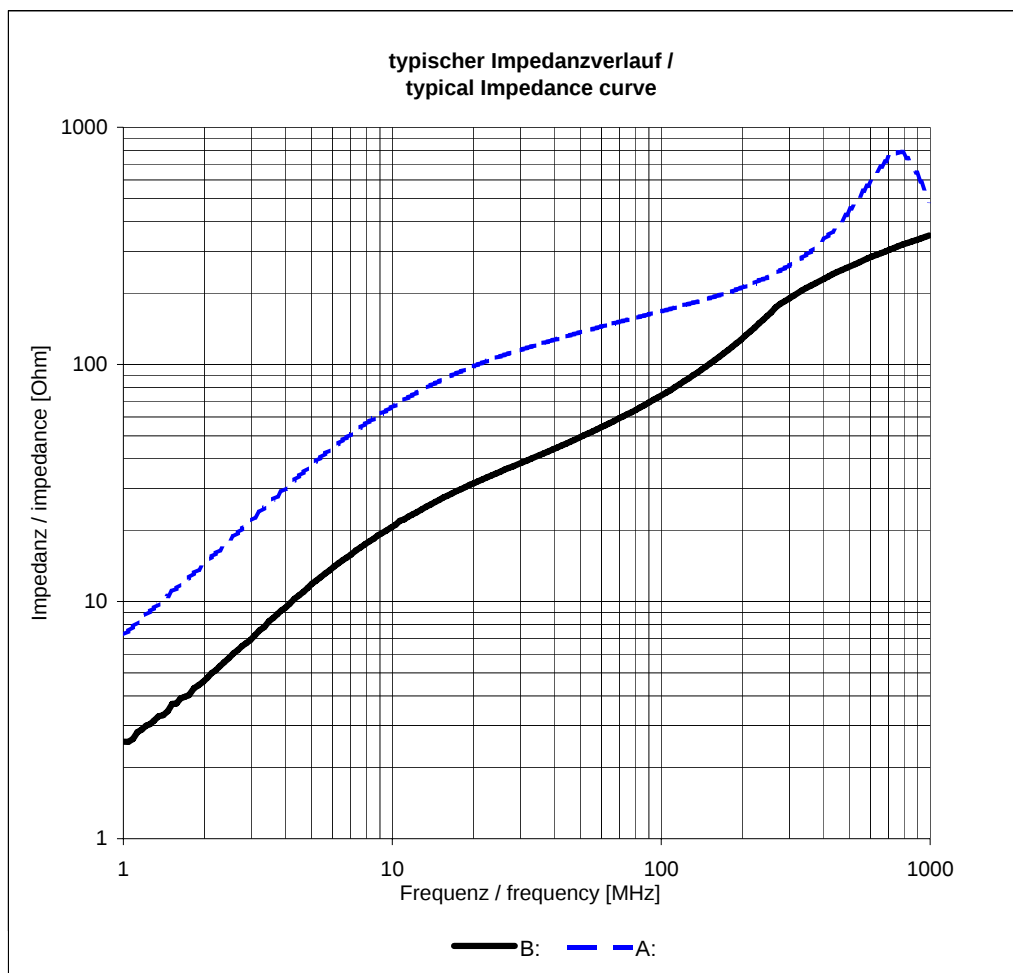
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H Impedanzverlauf / impedance curve:



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

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

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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.

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