

Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number : 742701112

LF



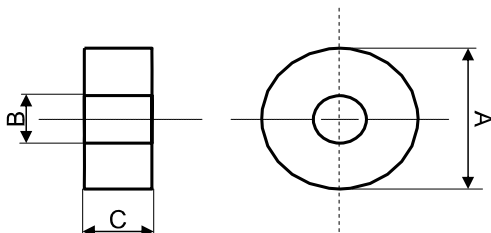
Bezeichnung : FERRITRING

description : TOROIDAL FERRITE

WÜRTH ELEKTRONIK

DATUM / DATE : 2006-06-28

A Mechanische Abmessungen / dimensions:

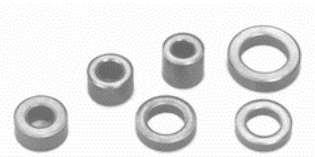


A	35,6 ± 0,8	mm
B	25,4 ± 0,5	mm
C	7,5 ± 0,3	mm

B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	Tol.
Impedanz @ 1 Wg./ impedance @ 1 turn	25 MHz	Z	39	Ω	± 25%
Impedanz @ 1 Wg./ impedance @ 1 turn	100 MHz	Z	127	Ω	± 25%
Impedanz @ 2 Wg./ impedance @ 2 turn	25 MHz	Z	165	Ω	typ.
Impedanz @ 2 Wg./ impedance @ 2 turn	100 MHz	Z	350	Ω	typ.

C



D Prüfgeräte / test equipment:

HP 4191 B für/for Z und/and material

16092A - Klemme / clamp

AWG26 - Ø 0,5mm - Länge/length: 165 mm

E Testbedingungen / test conditions:

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

F Werkstoffe & Zulassungen / material & approvals:

Basismaterial / base material: 3 W 800

G Eigenschaften / general specifications:

Curietemperatur / curie temperature: + 140°C
für Kabeldurchm. / for cable diameter [mm]: ≤ Ø 24,8
Lagertemperatur / storage temperature: -55°C ~ + 125°C
Betriebstemp. / operating temperature: -25°C ~ + 125°C

Freigabe erteilt / general release:	Kunde / customer			
Datum / date	Unterschrift / signature	SMU	Update	06-06-28
	Würth Elektronik	LF	RoHS update	04-10-11
		RT	Update	02-04-17
		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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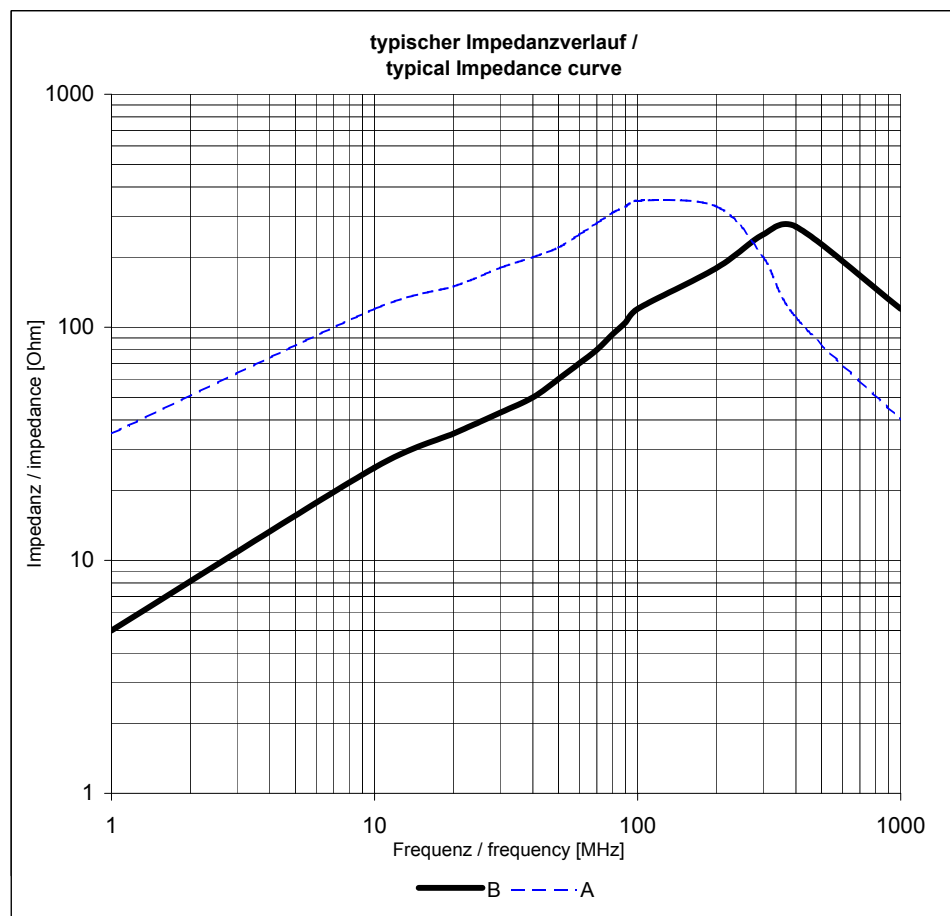
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H Impedanzverlauf / impedance curve:



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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Datum / date	Unterschrift / signature		SMU	Update	06-06-28
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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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