

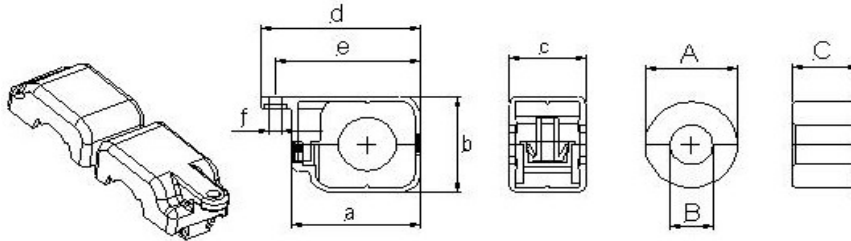
Spezifikation für Freigabe / specification for release

Kunde / customer : _____
 Artikelnummer / part number : **7427155**
 Bezeichnung : **STAR-RING Ringkern mit Kunststoffgehäuse**
 description : **STAR-RING ringcore with plastic case**



DATUM / DATE : 2006-11-13

A Mechanische Abmessungen / dimensions:

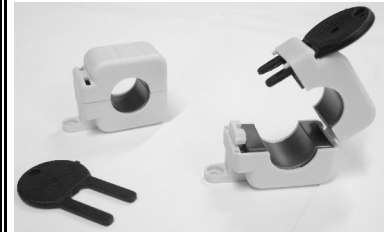


a	48,0	mm
b	44,0	mm
c	20,0	mm
d	55,0	mm
e	51,5	mm
f	Ø 3,5	mm
A	Ø 40,6	mm
B	Ø 27,5	mm
C	17,0	mm

B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	Tol.
Impedanz @ 1 Wg./ impedance @ 1 turn	25 MHz	Z	142	Ω	± 25%
Impedanz @ 1 Wg./ impedance @ 1 turn	100 MHz	Z	327	Ω	± 25%
Impedanz @ 2 Wg./ impedance @ 2 turn	25 MHz	Z	205	Ω	± 25%
Impedanz @ 2 Wg./ impedance @ 2 turn	100 MHz	Z	401	Ω	± 25%

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: 4 W 620
 Kunststoff / plastic material: PA 6
 UL-Zulassungen / UL-approval: UL94-V0 / E96725
 Farbe / colour: elektrograu / electronic grey

G Eigenschaften / general specifications:

Curietemperatur / curie temperature: + 150°C
 für Kabeldurchmesser / for cable diameter: <= 27,0
 Lagertemperatur / storage temperature: -40°C ~ + 85°C
 Betriebstemp. / operating temperature: -25°C ~ +105°C

Freigabe erteilt / general release:	Kunde / customer			
 Datum / date Unterschrift / signature		
Geprüft / checked	Würth Elektronik			
 Kontrolliert / approved			
		AF	Update / Material	06-11-13
		LF	RoHS update	04-10-11
		LF	Geh.Bemassung	04-01-26
	OK	Neuteil	02-01-23	
	Name	Änderung / modification	Datum / date	

Würth Elektronik eiSos GmbH & Co. KG

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

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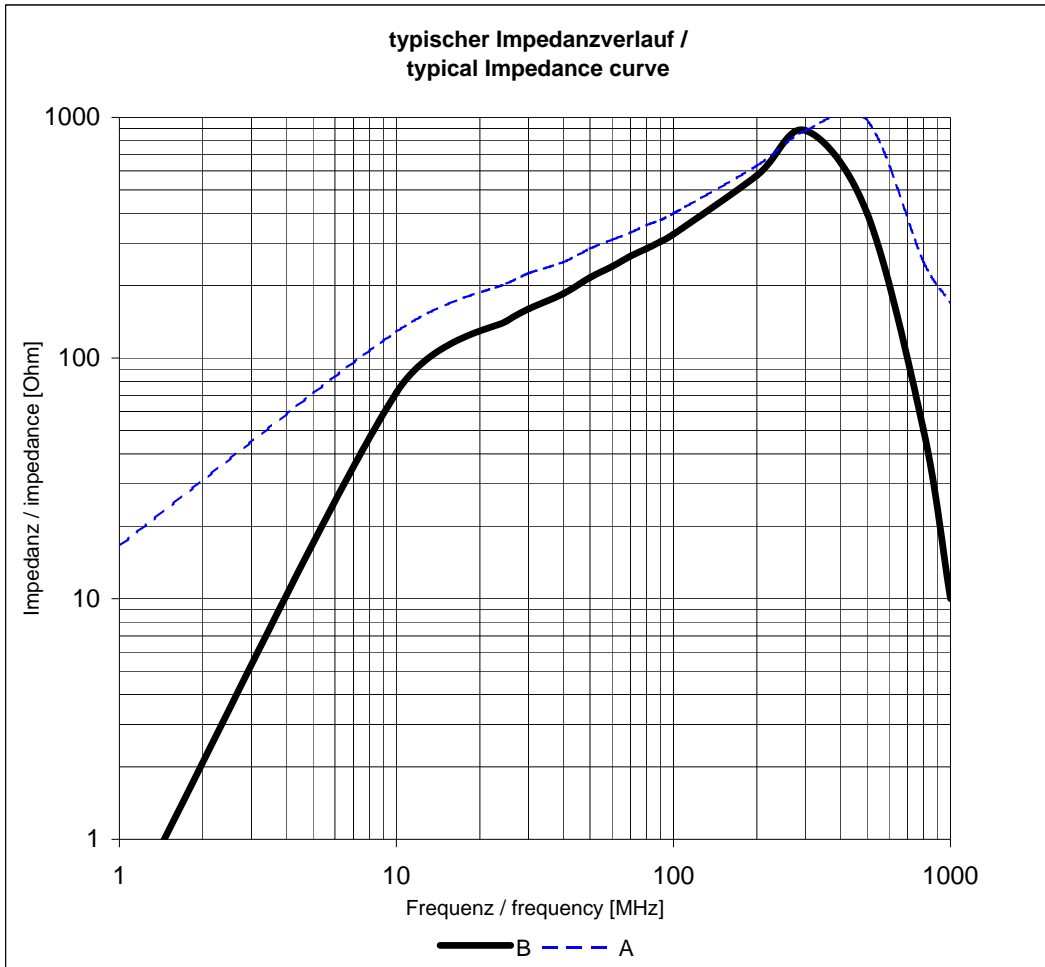
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WÜRTH ELEKTRONIK

DATUM / DATE : 2006-11-13

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	AF	Update / Material	06-11-13
	Würth Elektronik	LF	RoHS update	04-10-11
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Geprüft / checked	Kontrolliert / approved	OK	Neuteil	02-01-23
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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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