

Spezifikation für Freigabe / specification for release

Kunde / customer : _____

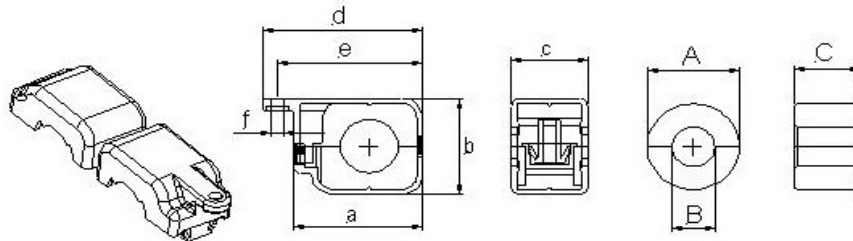
Artikelnummer / part number : **7427154**



Bezeichnung : **STAR-RING Ringkern mit Kunststoffgehäuse**
 description : **STAR-RING ringcore with plastic case**

DATUM / DATE : 2006-11-13

A Mechanische Abmessungen / dimensions:

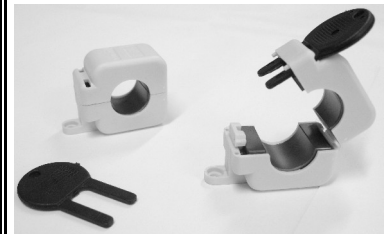


a	35,0	mm
b	32,0	mm
c	20,0	mm
d	43,0	mm
e	39,5	mm
f	Ø 3,5	mm
A	Ø 28,5	mm
B	Ø 16,3	mm
C	17,0	mm

B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	Tol.
Impedanz @ 1 Wg./ impedance @ 1 turn	25 MHz	Z	71	Ω	± 25%
Impedanz @ 1 Wg./ impedance @ 1 turn	100 MHz	Z	130	Ω	± 25%
Impedanz @ 2 Wg./ impedance @ 2 turn	25 MHz	Z	271	Ω	± 25%
Impedanz @ 2 Wg./ impedance @ 2 turn	100 MHz	Z	495	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: <= 16,0
 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	AF	Update / Material 06-11-13
	.....	LF	RoHS update 04-10-11
	.....	LF	Geh.Bemassung 04-01-26
	.....	OK	Neuteil 02-01-23
 Geprüft / checked Kontrolliert / approved	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.de>

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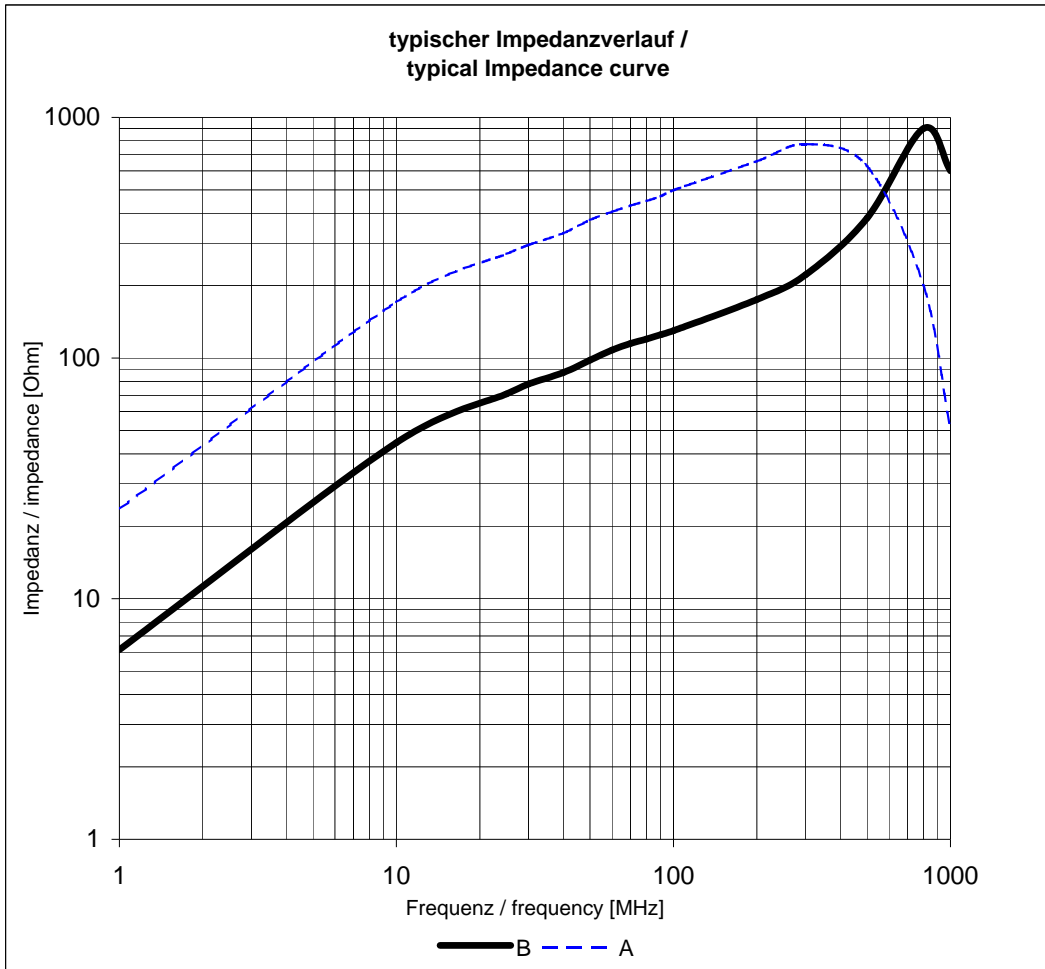
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WÜRTH ELEKTRONIK

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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.....			
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Geprüft / checked	Kontrolliert / approved	OK	Neuteil	02-01-23
		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.

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