

Spezifikation für Freigabe / specification for release

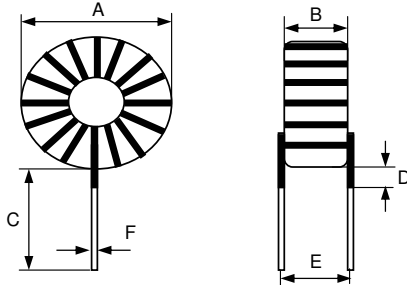
Kunde / customer :
 Artikelnummer / part number : **7447028**
 Bezeichnung : **FUNKENTSTÖRDROSSEL WE-FI**
 description : **TOROIDAL LINE CHOKE WE-FI**

LF



DATUM / DATE : 2005-11-22

A Mechanische Abmessungen / dimensions:



A	16,0 max	mm
B	7,5 max	mm
C	20,0 ± 2,0	mm
D	1,0 max	mm
E	7,0 ± 1,5	mm
F	∅ 0,5 ref	mm

B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Leerlauf-Induktivität / inductance	10 KHz / 0,25V	L_0	150,0	μH	$\pm 20\%$
Nenn-Induktivität / nominal inductivity		L_N		μH	
DC-Widerstand / DC-resistance		R_{DC}	0,130	Ω	max.
Nennstrom / rated current		I_{DC}	1,00	A	max.
Eigenres.-Frequenz / self-res.-frequency		SRF		MHz	

C Lötpad / soldering spec.:

D Prüfgeräte / test equipment:

HP 4274 A & HP E3633 A für/for L_0/L_N und/and Q
HP 34401 A für/for I_{DC} und/and R_{DC}

E Testbedingungen / test conditions:

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

F Werkstoffe & Zulassungen / material & approvals:

Basismaterial / base material: Eisenpulver / Iron powder
 Draht / wire: 2 UEW (130 °C)

G Eigenschaften / general specifications:

Lagertemperatur / storage temperature: -40 °C - + 125 °C
 Betriebstemp. / operating temperature: -25 °C - +105 °C

Freigabe erteilt / general release:	Kunde / customer		
Datum / date	Unterschrift / signature		
Geprüft / checked	Würth Elektronik		
	MST	Version 3	05-11-22
	MST	Version 2	04-10-11
	SST	Version 1	04-06-15
Geprüft / checked	Kontrolliert / approved		Datum / date
	Name	Änderung / modification	Datum / date

This electronic component is designed and developed with the intention for use in general electronics equipments. Before incorporating the components into any equipments in the field such as aerospace, aviation, nuclear control, submarine, transportation, (automotive control, train control, ship control), transportation signal, disaster prevention, medical, public information network etc. where higher safety and reliability are especially required or if there is possibility of direct damage or injury to human body. In addition, even electronic component in general electronic equipments, when used in electrical circuits that require high safety, reliability functions or performance, the sufficient reliability evaluation-check for the safety must be performed before use. It is essential to give consideration when to install a protective circuit at the design stage.

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