

Spezifikation für Freigabe / specification for release

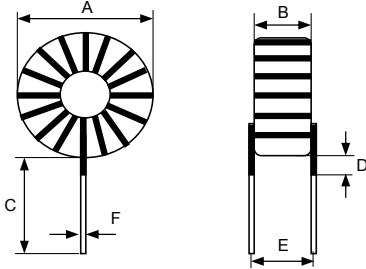
Kunde / customer :
 Artikelnummer / part number : **7447010**
 Bezeichnung : **FUNKENTSTÖRDROSSEL WE-FI**
 description : **TOROIDAL LINE CHOKE WE-FI**

LF



DATUM / DATE : 2004-10-11

A Mechanische Abmessungen / dimensions



A	18,5 max	mm
B	9,5 max	mm
C	15,0 ± 2,0	mm
D	1,0 max	mm
E	9,0 ± 2,0	mm
F	ø 0,5 ref	mm

B Elektrische Eigenschaften / electrical properties:

C Lötpad / soldering spec.:

Eigenschaften / properties	Testbedingungen / test conditions	Wert / value	Einheit / unit	tol.	
Leerlauf-Induktivität inductance	1 KHz / 0,25V	L_0	470,0	μH	$\pm 20\%$
Nenn-Induktivität nominal inductivity		L_N		μH	
DC-Widerstand / DC-resistance		R_{DC}	0,225	Ω	max.
Nennstrom / rated current		I_{DC}	1,00	A	max.
Eigenres.-Frequenz / self-res.-frequency		SRF		MHz	

D Prüfgeräte / test equipment:

E Testbedingungen / test conditions:

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}

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

F Werkstoffe & Zulassungen / material & approvals:

G Eigenschaften / general specifications:

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

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

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

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 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 electric 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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