

# Spezifikation für Freigabe / specification for release

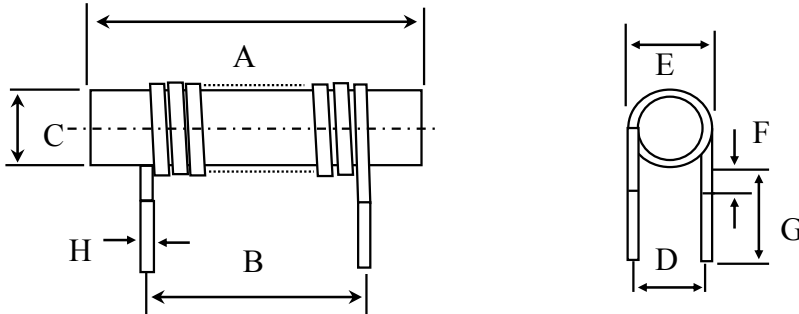
Kunde / customer :  
 Artikelnummer / part number : **7447101**  
 Bezeichnung : **STABKERNDROSSEL WE-SD**  
 description : **COIL CHOKE WE-SD**

LF



DATUM / DATE : 2004-10-11

## A Mechanische Abmessungen / dimensions:



A	<b>15,0 ± 0,4</b>	mm
B	<b>10,8 ± 0,5</b>	mm
C	<b>4,0 ± 0,3</b>	mm
D	<b>6,4 ± 0,5</b>	mm
E	<b>7,4 ± 0,5</b>	mm
F	<b>1,0 max</b>	mm
G	<b>8,0 ± 1,0</b>	mm
H	<b>∅ 1,0 ref</b>	mm

## B Elektrische Eigenschaften / electrical properties:

C

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Induktivität / inductance	<b>10 KHz / 0,25V</b>	L <sub>0</sub>	<b>1,8</b>	μH	± 20%
Güte Q / Q factor		Q			
DC-Widerstand / DC-resistance		R <sub>DC</sub>	<b>6,0</b>	mΩ	max.
Nennstrom / rated current		I <sub>DC</sub>	<b>5,0</b>	A	max.
Eigenres.-Frequenz / self-res.-frequency		SRF		MHz	

## D Prüfgeräte / test equipment:

## E Testbedingungen / test conditions:

HP 4274 A für/for L und/and Q  
 HP 34401 A für/for I<sub>DC</sub> und/and R<sub>DC</sub>

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

## F Werkstoffe & Zulassungen / material & approvals:

## G Eigenschaften / granted properties:

Basismaterial / base material: Ferrit / ferrite  
 Draht / wire: 2UEW; 130°C

Lagertemperatur / storage temperature: -40°C - + 125°C  
 Betriebstemp. / operating temperature: -40°C - +85°C

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

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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