

# Spezifikation für Freigabe / specification for release

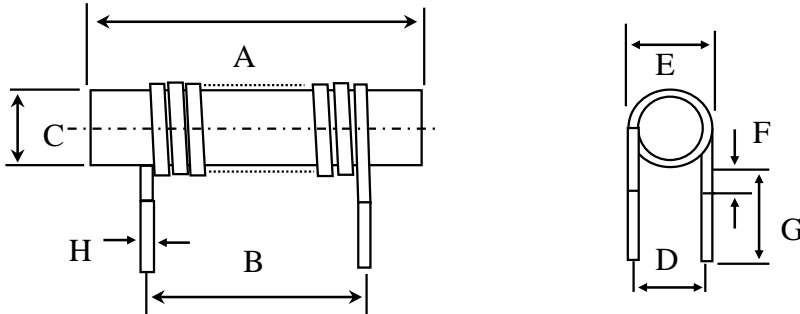
Kunde / customer :  
 Artikelnummer / part number : **7447180**  
 Bezeichnung : **STABKERNDROSSEL WE-SD**  
 description : **COIL CHOKE WE-SD**

LF



DATUM / DATE : 2007-07-04

## A Mechanische Abmessungen / dimensions:



A	<b>40,5 max</b>	mm
B	<b>36,5 ± 1,0</b>	mm
C	<b>10,0 ± 0,5</b>	mm
D	<b>12,0 ± 1,0</b>	mm
E	<b>15,0 max</b>	mm
F	<b>1,0 max</b>	mm
G	<b>4,0 ± 0,5</b>	mm
H	<b>∅ 2,0 ref</b>	mm

## B Elektrische Eigenschaften / electrical properties:

C

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Induktivität / inductance	<b>1 KHz / 0,25V</b>	L <sub>0</sub>	<b>10,0</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>20,0</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>

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

## F Werkstoffe & Zulassungen / material & approvals:

## G Eigenschaften / granted properties:

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

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

Freigabe erteilt / general release:	Kunde / customer		
Datum / date	Unterschrift / signature		
	Würth Elektronik		
	MST	Version 2	07-07-04
	MST	Version 1	04-10-11
Geprüft / checked	Kontrolliert / approved		
	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.

**Würth Elektronik eiSos GmbH & Co.KG**

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