

Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number : **7447122**

Bezeichnung : **STABKERNDROSSEL WE-SD**

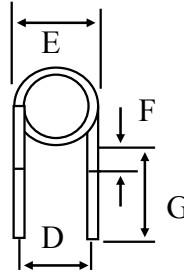
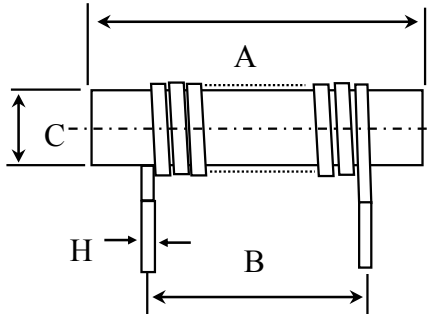
description : **COIL CHOKE WE-SD**

LF



DATUM / DATE : 2004-10-11

A Mechanische Abmessungen / dimensions:



A	21,0 ± 0,5	mm
B	20,0 ± 1,0	mm
C	5,0 ± 0,2	mm
D	6,8 ± 1,0	mm
E	10,5 max	mm
F	1,0 max	mm
G	6,0 ± 0,7	mm
H	ø 1,8 ref	mm

B Elektrische Eigenschaften / electrical properties:

C

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Induktivität / inductance	1 KHz / 0,25V	L ₀	2,0	μH	± 20%
Güte Q / Q factor		Q			
DC-Widerstand / DC-resistance		R _{DC}	1,8	mΩ	max.
Nennstrom / rated current		I _{DC}	18,0	A	max.
Eigenres.-Frequenz / self-res.-frequency		SRF		MHz	

D Prüfgeräte / test equipment:

HP 4274 A für/for L 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: Ferrit / ferrite
 Draht / wire: 1PEW; 155°C

G Eigenschaften / granted properties:

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

Geprüft / checked

Kontrolliert / approved

MST

Version 1

04-10-11

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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