

# Spezifikation für Freigabe / specification for release

Kunde / customer :

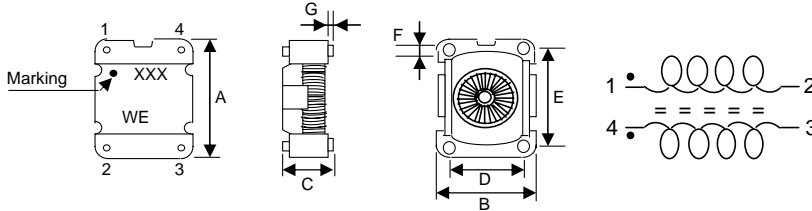
Artikelnummer / part number : **744272472**



Bezeichnung : **STROMKOMP. SMD LINE FILTER WE-SL5**  
 description : **COMMON MODE SMD LINE FILTER WE-SL5**

DATUM/DATE: 2008-01-14

## A Mechanische Abmessungen / dimensions:

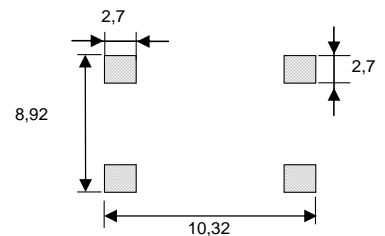


A	<b>10,0 ± 0,3</b>	mm
B	<b>8,70 ± 0,3</b>	mm
C	<b>6,50 max.</b>	mm
D	<b>6,22 ± 0,1</b>	mm
E	<b>7,62 ± 0,1</b>	mm
F	<b>1,25 ± 0,1</b>	mm
G	<b>0,30 min.</b>	mm

## B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Induktivität / inductance	<b>0,1V / 100KHz</b>	L <sub>1-2,4-3</sub>	<b>4700</b>	μH	<b>±40%</b>
DC-Widerstand / DC-resistance		R <sub>DC</sub>	<b>0,720</b>	Ω	<b>max.</b>
Nennstrom / rated current	<b>ΔT= 40K</b>	I <sub>DC</sub>	<b>350</b>	mA	<b>max.</b>
Impedanz / impedance		Z <sub>com</sub>	<b>13000</b>	Ω	<b>max.</b>
Nennspannung / rated voltage		U <sub>DC</sub>	<b>80</b>	V	<b>max.</b>

## C Lötpad / soldering spec.:



## D Prüfgeräte / test equipment:

**HP 4191 B** für/for Z und/and material  
**HP 34401 A** für/for R<sub>DC</sub> und/and IDC

## E Testbedingungen / test conditions:

Luftfeuchtigkeit / humidity: 33%  
 Umgebungstemperatur / temperature: +20°C  
 Spannungsfestigkeit / High-Pot Test (60Hz;1mA;1min.) 300VAC

## F Werkstoffe & Zulassungen / material & approvals:

Basismaterial / base material: Ferrit/ ferrite  
 Draht / wire: 2-SFBW / 155°C  
 Gehäuse / Housing: UL94-V0

## G Eigenschaften / general specifications:

Betriebstemp. / operating temperature: -40°C - +125°C  
 Umgebungstemp. / ambient temperature: -40°C - +85°C  
 It is recommended that the temperature of the part does not exceed 125°C under worst case operating conditions.

Freigabe erteilt / general release:	<b>Kunde / customer</b>		
Datum / date	Unterschrift / signature		
Geprüft / checked	<b>Würth Elektronik</b>		
	Kontrolliert / approved		
	Name	Änderung / modification	Datum / date
	SSt	Version 4	08-01-14
	MST	Version 3	06-05-09
	MST	Version 2	04-10-11
	ME	Version 1	04-04-26

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

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<http://www.we-online.com>

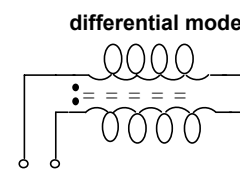
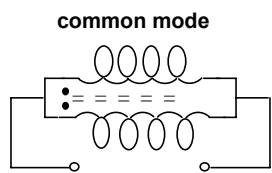
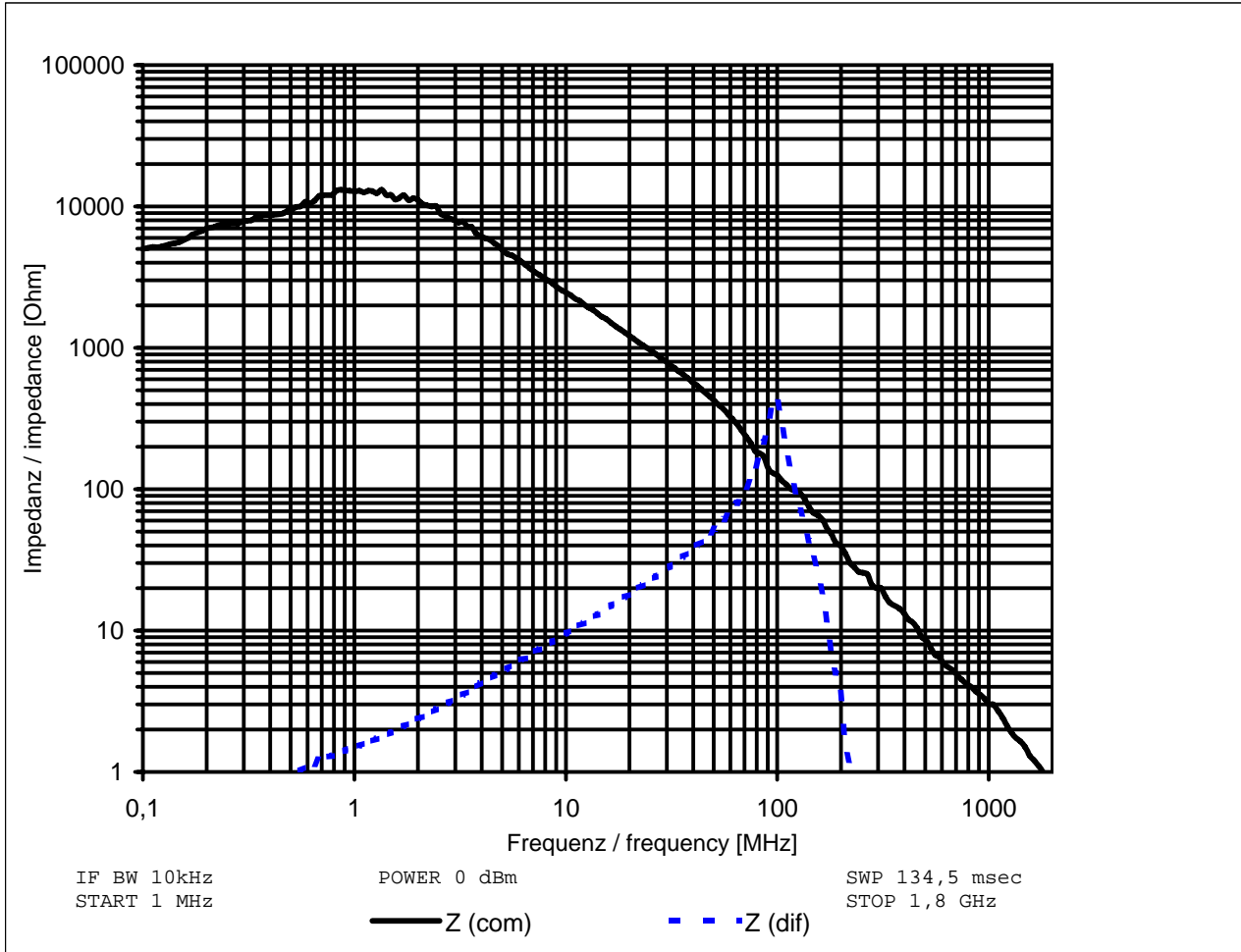
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## H Impedanzverlauf / impedance curve:



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