

# Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number : **744204**

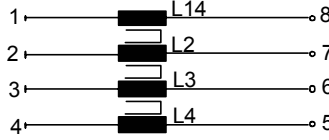
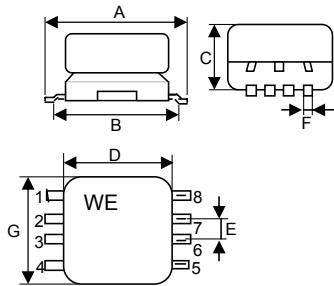
LF



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

DATUM / DATE : 2004-10-11

## A Mechanische Abmessungen / dimensions:

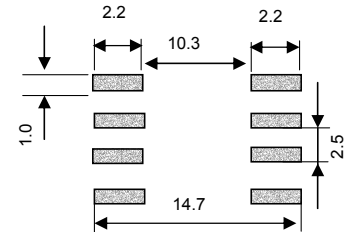


A	<b>12,70 ± 0,8</b>	mm
B	<b>11,00 ± 0,5</b>	mm
C	<b>5,75 ± 0,3</b>	mm
D	<b>9,50 ± 0,2</b>	mm
E	<b>2,50 ± 0,2</b>	mm
F	<b>0,70 ± 0,1</b>	mm
G	<b>10,50 max.</b>	mm
H		mm

## B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Induktivität / inductance	100 kHz / 0,1 V	L (4x)	<b>250,0</b>	μH	±35%
Streuinduktivität / differential inductance	100 kHz / 0,1 V	L1-L2	<b>25,0</b>	μH	max.
DC-Widerstand / DC-resistance		R <sub>DC</sub>	<b>120</b>	mΩ	max.
Nennstrom / rated current		I <sub>DC</sub>	<b>600</b>	mA	max.
Impedanz / impedance		Z	<b>1400</b>	Ω	max.

## C Lötpad / soldering spec.:



## D Prüfgeräte / test equipment:

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

## E Testbedingungen / test conditions:

Luftfeuchtigkeit / humidity: 33%  
 Umgebungstemperatur / temperature: +20°C  
 Spannungsfestigkeit/ High-Pot Test:(60Hz 3mA 1min.) 500 VAC

## F Werkstoffe & Zulassungen / material & approvals:

Basismaterial / base material: Ferrit / ferrite  
 Draht / wire: Class F  
 Gehäuse / Housing: UL94-V0

## G Eigenschaften / granted properties:

Betriebstemp. / operating temperature: -40°C - + 125°C  
 Umgebungstemp. / ambient temperature: -40°C - + 85°C

Freigabe erteilt / general release:	Kunde / customer		
Datum / date	Unterschrift / signature		
Geprüft / checked	Würth Elektronik		
Kontrolliert / approved	MST	Version 4	04-10-11
	ME	Version 3	04-04-26
Name	MST	Version 2	03-03-04
	AG	Version 1	03-04-15
	Änderung / modification		Datum / date

### Würth Elektronik eiSos GmbH & Co.KG

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

# Spezifikation für Freigabe / specification for release

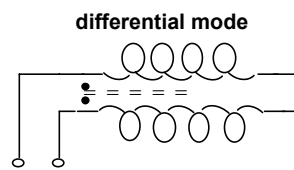
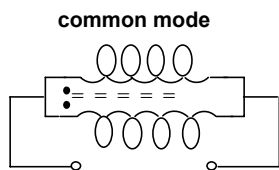
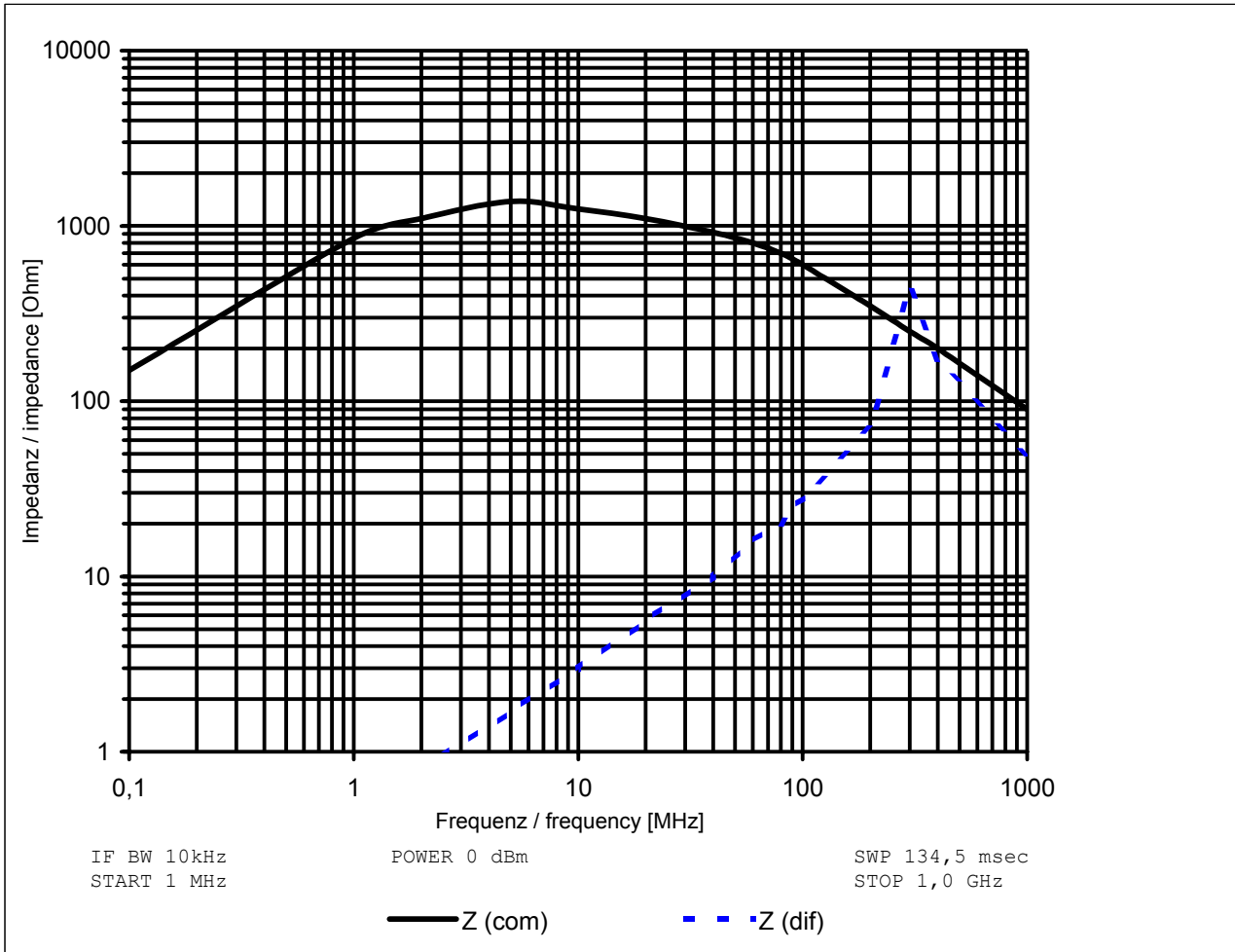
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## H Impedanzverlauf / impedance curve:



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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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