

# Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number :

**744220**

LF



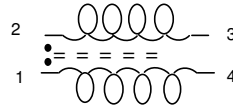
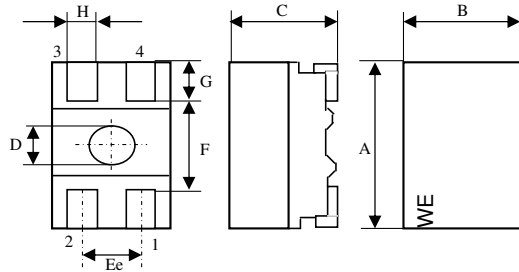
Bezeichnung : **STROMKOMP. SMD LINE FILTER WE-SL2**

description : **COMMON MODE SMD LINE FILTER WE-SL2**

**WÜRTH ELEKTRONIK**

**DATUM / DATE : 2004-10-11**

## A Mechanische Abmessungen / dimensions:

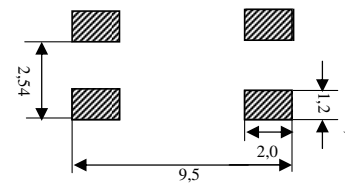


A	<b>9,2 ± 0,3</b>	mm
B	<b>6,0 ± 0,3</b>	mm
C	<b>5,0 ± 0,2</b>	mm
D	<b>2,0 ref.</b>	mm
E	<b>2,54 ± 0,2</b>	mm
F	<b>5,7 ref.</b>	mm
G	<b>1,4 ref.</b>	mm
H	<b>1,0 ± 0,1</b>	

## B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Induktivität / inductance	<b>5 mV / 100 KHz</b>	$L_{1-4;2-3}$	<b>4.700</b>	$\mu\text{H}$	<b>± 50 %</b>
Nennspannung / rated voltage		$U_{\text{DC}}$	<b>80</b>	V	
DC-Widerstand / DC-resistance		$R_{\text{DC}}$	<b>0,75</b>	$\Omega$	<b>max.</b>
Nennstrom / rated current		$I_{\text{DC}}$	<b>0,50</b>	A	<b>max.</b>
Impedanz / impedance		Z	<b>20000</b>	$\Omega$	<b>max.</b>

## C Lötpad / soldering spec.:



## D Prüfgeräte / test equipment:

**HP 4274 A** für/for L und/and Q  
**HP 34401 A** für/for  $I_{\text{DC}}$  und/and  $R_{\text{DC}}$

## E Testbedingungen / test conditions:

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

## 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**  
 It is recommended that the temperature of the part does not exceed 125°C under worst case operating conditions.  
 Spannungsfestigkeit / High-Pot Test:(60Hz 3mA 3sec.) **500 VAC**

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
	MST	Version 5	2008-04-29
	MST	Version 4	2004-10-11
	MST	Version 3	2004-03-29
	AG	Version 2	2003-04-15
	MST	Version 1	2002-04-17

## Würth Elektronik eiSos GmbH & Co. KG

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

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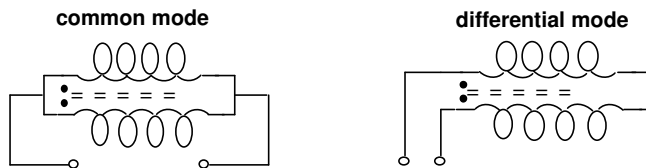
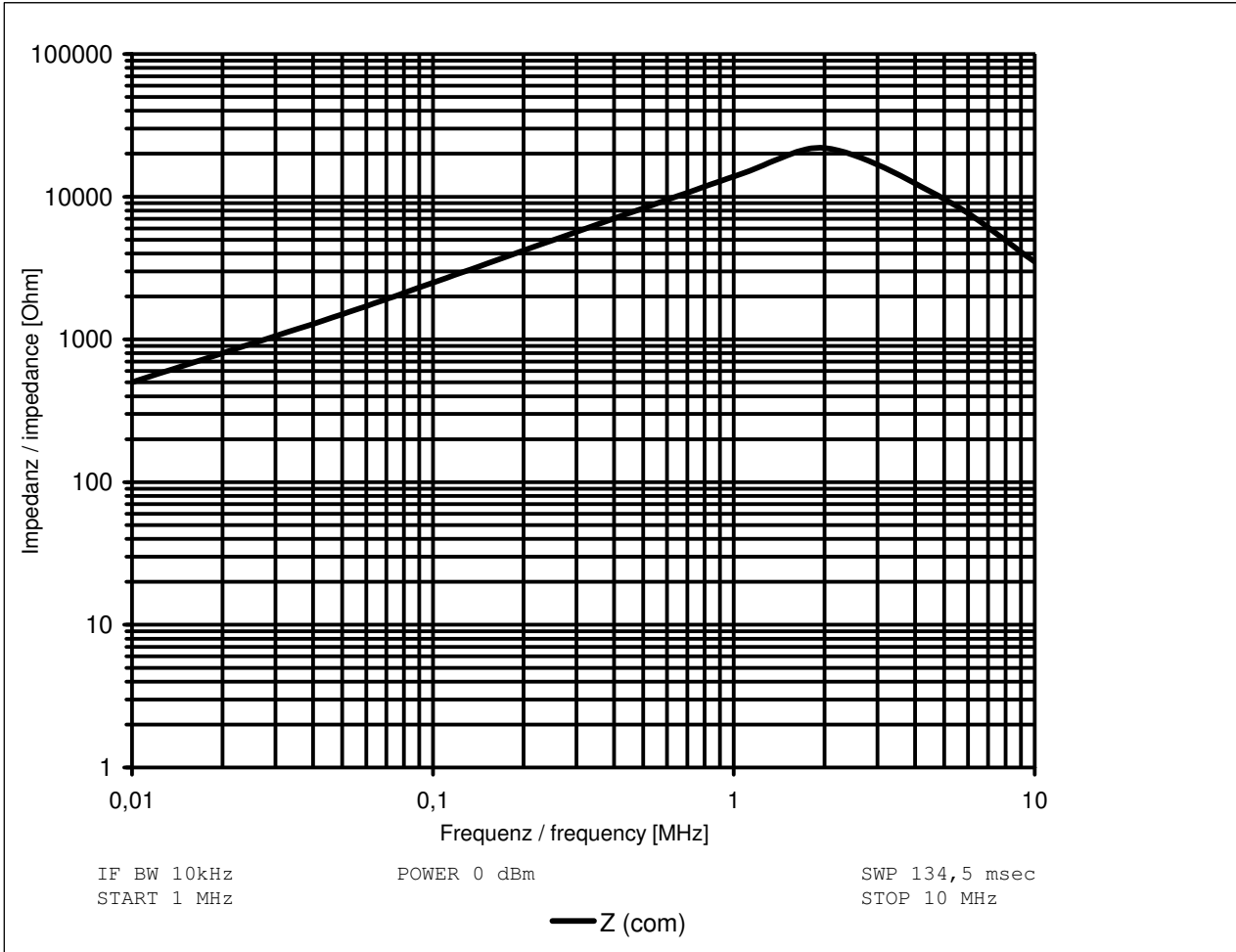
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 description : **COMMON MODE SMD LINE FILTER WE-SL2**

DATUM / DATE : 2004-10-11

## H Impedanzverlauf / impedance curve:



Freigabe erteilt / general release:	<b>Kunde / customer</b>			
Datum / date	Unterschrift / signature	BKO	Version 5	08-04-29
	<b>Würth Elektronik</b>	MST	Version 4	04-10-11
Geprüft / checked	Kontrolliert / approved	MST	Version 3	2004-03-29
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		Name	<b>Änderung / modification</b>	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.

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