

Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number :

744220

LF



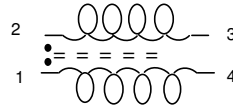
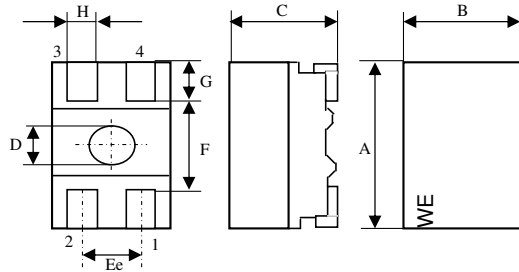
Bezeichnung : **STROMKOMP. SMD LINE FILTER WE-SL2**

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

WÜRTH ELEKTRONIK

DATUM / DATE : 2004-10-11

A Mechanische Abmessungen / dimensions:

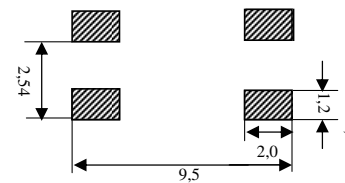


A	9,2 ± 0,3	mm
B	6,0 ± 0,3	mm
C	5,0 ± 0,2	mm
D	2,0 ref.	mm
E	2,54 ± 0,2	mm
F	5,7 ref.	mm
G	1,4 ref.	mm
H	1,0 ± 0,1	

B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Induktivität / inductance	5 mV / 100 KHz	$L_{1-4;2-3}$	4.700	μH	$\pm 50 \%$
Nennspannung / rated voltage		U_{DC}	80	V	
DC-Widerstand / DC-resistance		R_{DC}	0,75	Ω	max.
Nennstrom / rated current		I_{DC}	0,50	A	max.
Impedanz / impedance		Z	20000	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_{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: 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:	Kunde / customer		
Datum / date	Unterschrift / signature		
Geprüft / checked	Würth Elektronik		
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

D-74638 Waldenburg · Max-Eyth-Strasse 1 - 3 · Germany · Telefon (+49) (0) 7942 - 945 - 0 · Telefax (+49) (0) 7942 - 945 - 400
<http://www.we-online.com>

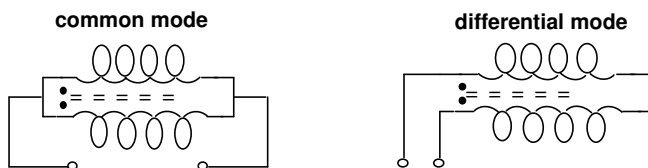
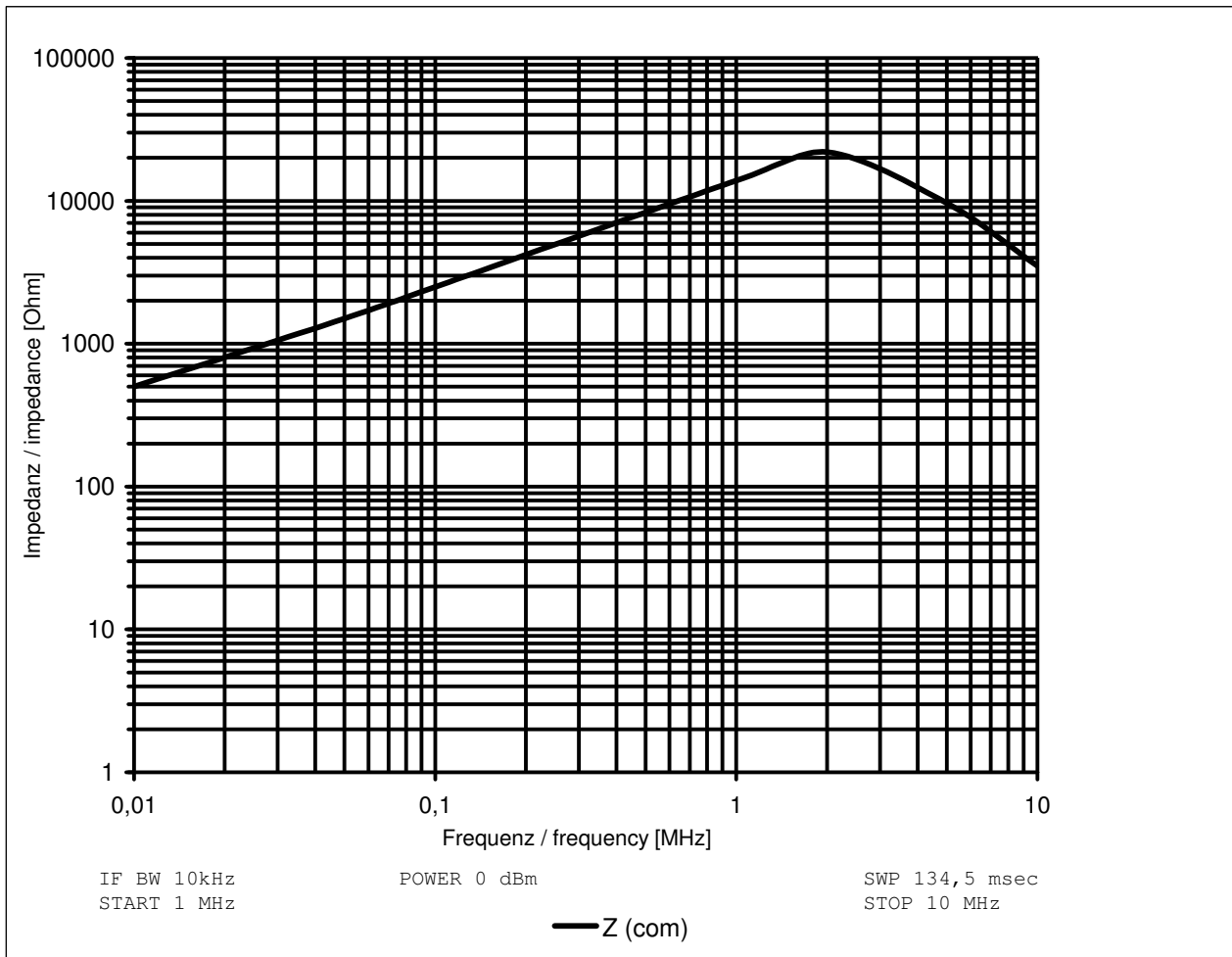
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DATUM / DATE : 2004-10-11

H Impedanzverlauf / impedance curve:



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Datum / date	Unterschrift / signature	BKO	Version 5	08-04-29
	Würth Elektronik	MST	Version 4	04-10-11
Geprüft / checked	Kontrolliert / approved	MST	Version 3	2004-03-29
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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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