

Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number : **744220**

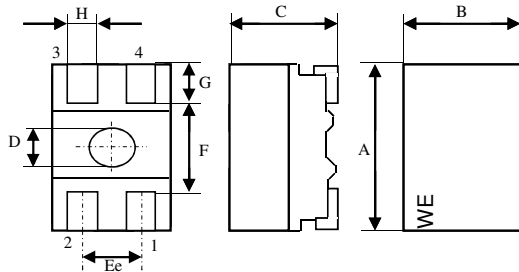


Bezeichnung : **STROMKOMP. SMD LINE FILTER WE-SL2**
 description : **COMMON MODE SMD LINE FILTER WE-SL2**

WÜRTH ELEKTRONIK

DATUM / DATE : 2010-03-25

A Mechanische Abmessungen / dimensions:

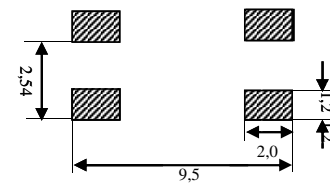


A	9,2 ± 0,3	mm
B	6,0 ± 0,3	mm
C	5,0 ± 0,2	mm
D	2,0 ref.	mm
E	2,54 ± 0,2	mm
F	5,7 ref.	mm
G	1,4 ref.	mm
H	1,0 ± 0,1	mm

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	@ 20 °C	R_{DC}	0,75	Ω	max.
Nennstrom / rated current		I_{DC}	0,50	A	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 V-0

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				
			SBa	Version 6	2010-03-25
Datum / date	Würth Elektronik		BKO	Version 5	2008-04-29
			MST	Version 4	2004-10-11
Geprüft / checked	Kontrolliert / approved		MST	Version 3	2004-03-29
			AG	Version 2	2003-04-15
			MST	Version 1	2002-04-17
			Name	Änderung / modification	Datum / date

Würth Elektronik eiSos GmbH & Co. KG

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

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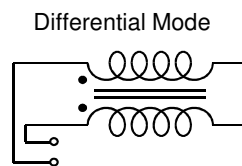
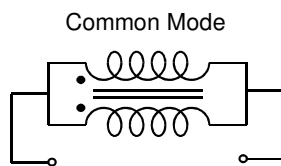
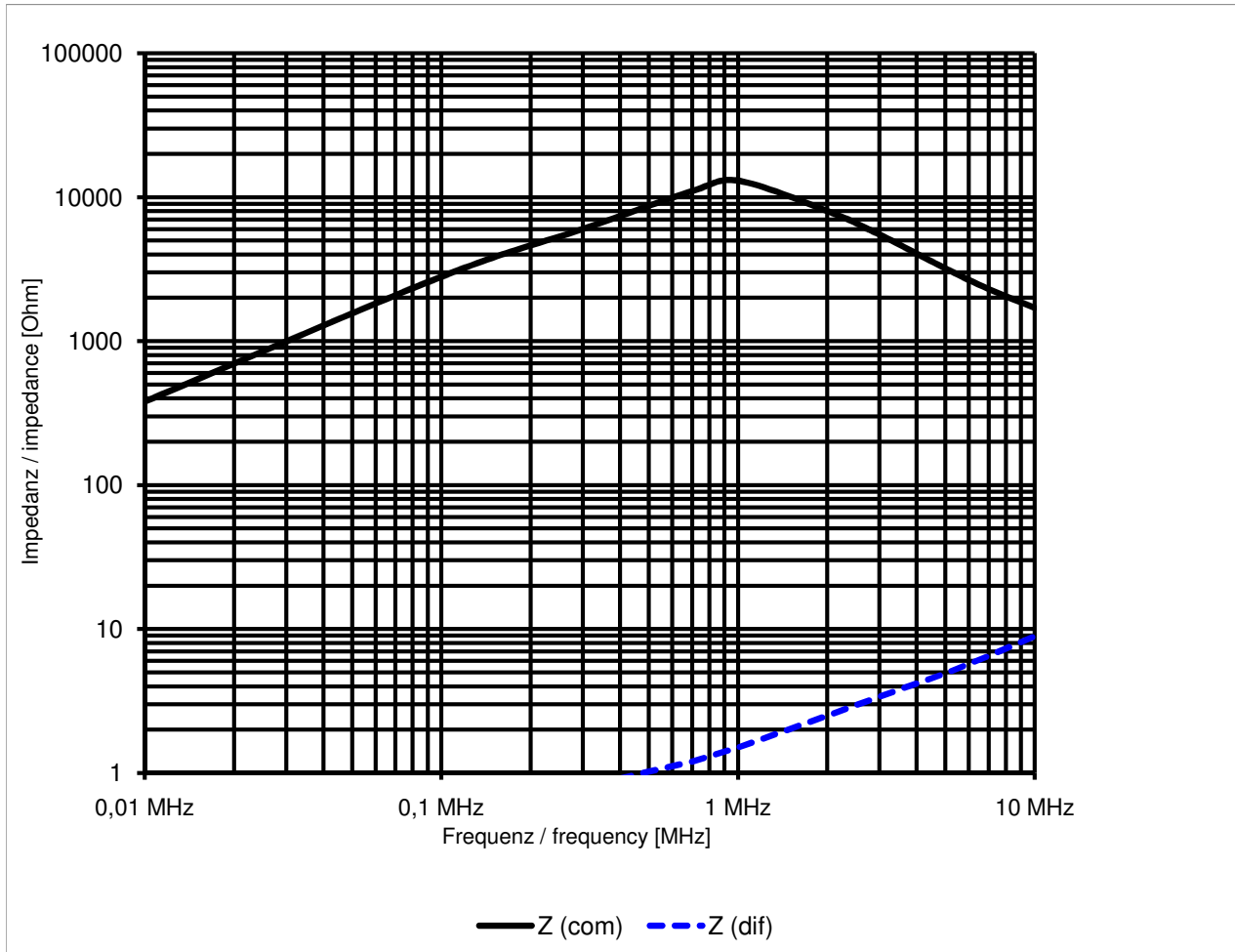
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H Impedanzverlauf / impedance curve:



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.....	SBa	Version 6	2010-03-25
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.....	MST	Version 4	2004-10-11
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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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