

Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number : 744206

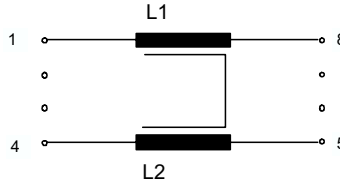
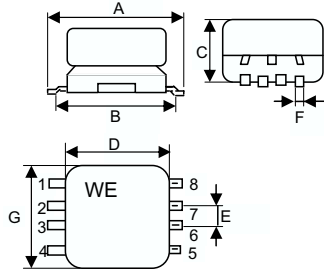
Bezeichnung : STROMKOMP. SMD LINE FILTER WE-SL
description : COMMON MODE SMD LINE FILTER WE-SL

LF



DATUM / DATE : 2004-10-11

A Mechanische Abmessungen / dimensions:

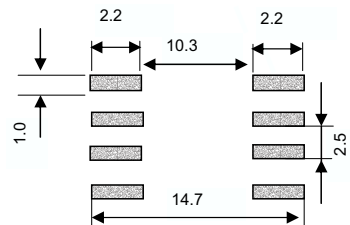


A	12,70 ± 0,8	mm
B	11,00 ± 0,5	mm
C	5,75 ± 0,3	mm
D	9,50 ± 0,2	mm
E	2,50 ± 0,2	mm
F	0,70 ± 0,1	mm
G	10,50 max.	mm
H		mm

B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Induktivität / inductance	100 kHz / 0,1 V	L (2x)	60,0	μH	±35 %
Streuinduktivität / differential inductance	100 kHz / 0,1 V	L1-L2	5,0	μH	max.
DC-Widerstand / DC-resistance		R _{DC}	65	mΩ	max.
Nennstrom / rated current		I _{DC}	2000	mA	max.
Impedanz / impedance		Z	1600	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
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			
		MST	Version 5	2004-10-11
Datum / date	Unterschrift / signature	ME	Version 4	2004-04-26
	Würth Elektronik	AG	Version 3	2003-04-15
		MST	Version 2	2003-03-04
		JH	Version 1	2000-12-06
Geprüft / checked	Kontrolliert / approved	Name	Änderung / modification	Datum / date

Würth Elektronik eiSos GmbH & Co.KG

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

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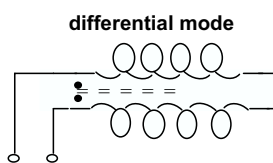
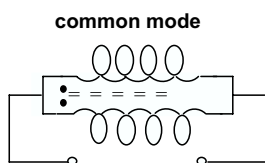
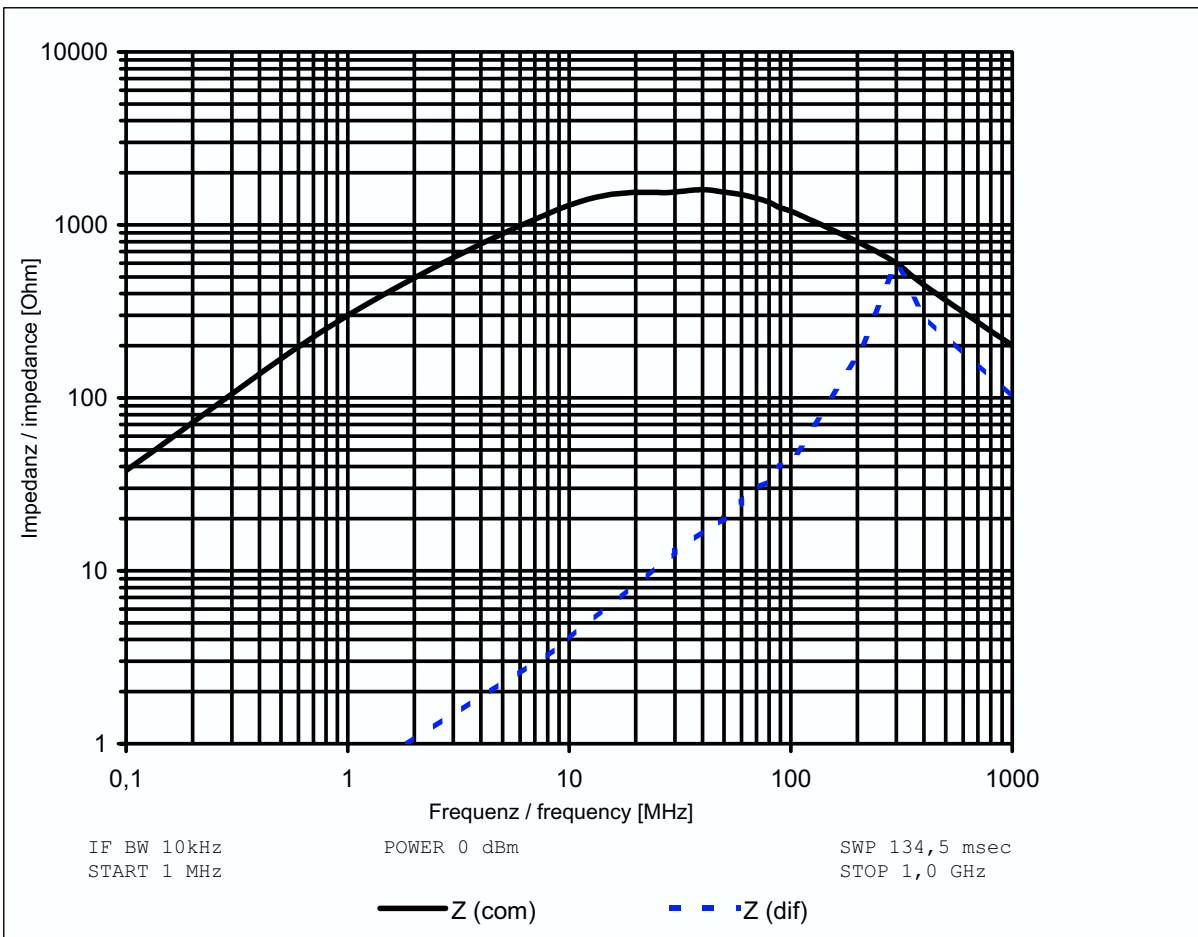
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H Impedanzverlauf / impedance curve:



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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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