Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number : **744221** LF

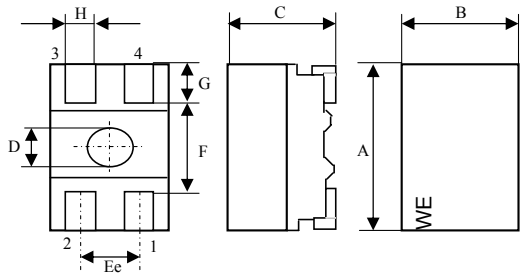
Bezeichnung : **STROMKOMP. SMD LINE FILTER WE-SL2**

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

RoHS compliant

DATUM / DATE : 2004-10-11

A Mechanische Abmessungen / dimensions :

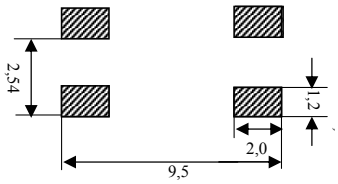


A	**9,2 ± 0,3**	mm
B	**6,0 ± 0,3**	mm
C	**5,0 ± 0,3**	mm
D	**2,0 ref.**	mm
E	**2,54 ± 0,2**	mm
F	**5,7 ref.**	mm
G	**1,4 ref.**	mm
H	**1,0 ± 0,1**	

B Elektrische Eigenschaften / electrical properties :

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Induktivität / inductance	**5 mV, 100 kHz**	$L_{1-4;2-3}$	**2.000**	µH	**± 50%**
Nennspannung/ rated voltage		U_{DC}	**80**	V	
DC-Widerstand / DC-resistance		R_{DC}	**0,42**	Ω	**max.**
Nennstrom / rated current		I_{DC}	**0,60**	A	**max.**
Impedanz / impedance		Z	**9200**	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

Würth Elektronik

Geprüft / checked — Kontrolliert / approved

Name	Änderung / modification	Datum / date
MST	Version 5	2004-10-11
MST	Version 4	2004-03-29
AG	Version 3	2003-04-15
MST	Version 2	2003-03-04
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

Spezifikation für Freigabe / specification for release

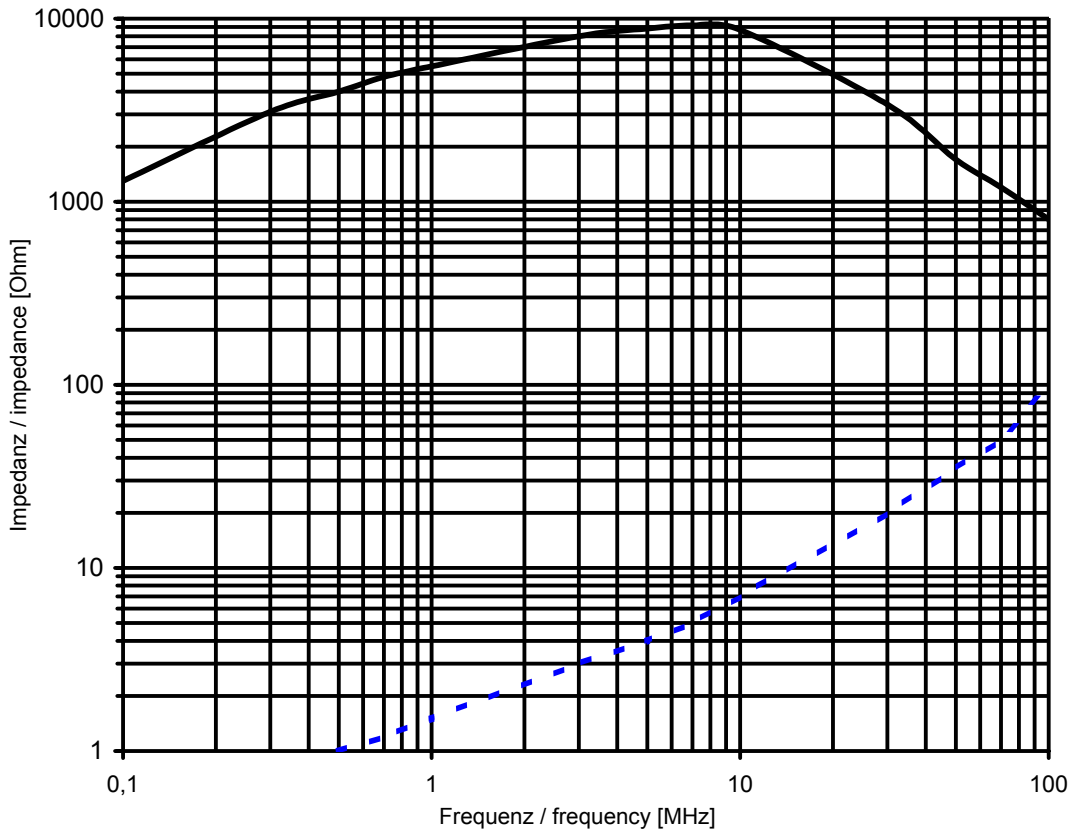
Kunde / customer : _____

Artikelnummer / part number : **744221**

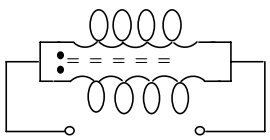
Bezeichnung : **STROMKOMP. SMD LINE FILTER WE-SL2**
description : **COMMON MODE SMD LINE FILTER WE-SL2**

DATUM / DATE : 2004-10-11

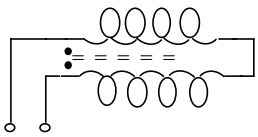
H Impedanzverlauf / impedance curve :



common mode



differential mode



Freigabe erteilt / general release:

Kunde / customer				
		MST	Version 5	04-10-11
Datum / date	Unterschrift / signature	MST	Version 4	2004-03-29
	Würth Elektronik	AG	Version 3	2003-04-15
		MST	Version 2	2003-03-04
		MST	Version 1	2002-04-17
Geprüft / checked	Kontrolliert / approved	Name	**Änderung / modification**	Datum / date

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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