

# Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number : **744225S**

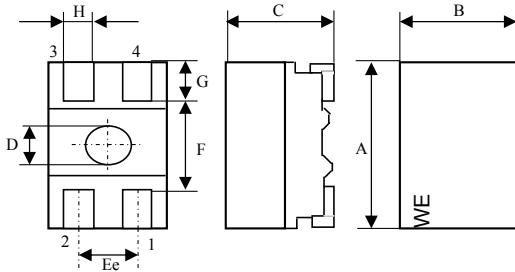
LF



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

DATUM / DATE : 2004-10-11

## A Mechanische Abmessungen / dimensions :

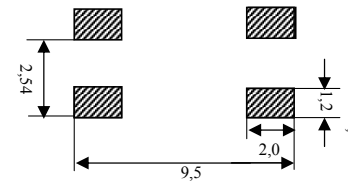


A	<b>9,2 ± 0,3</b>	mm
B	<b>6,0 ± 0,3</b>	mm
C	<b>5,0 ± 0,3</b>	mm
D		mm
E	<b>2,54 ± 0,2</b>	mm
F	<b>5,7 ref.</b>	mm
G	<b>1,4 ref.</b>	mm
H	<b>1,0 ± 0,1</b>	

## B Elektrische Eigenschaften / electrical properties :

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Induktivität / inductance	<b>0,1 V, 1 kHz</b>	$L_{1-4,2-3}$	<b>40</b>	$\mu\text{H}$	$\pm 30\%$
Nennspannung / rated voltage		$U_{\text{DC}}$	<b>80</b>	V	
DC-Widerstand / DC-resistance		$R_{\text{DC}}$	<b>0,25</b>	$\Omega$	<b>max.</b>
Nennstrom / rated current		$I_{\text{DC}}$	<b>0,90</b>	A	<b>max.</b>
Impedanz / impedance		Z	<b>3100</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>		
	AG	Version 4	2003-04-15
	MST	Version 3	2003-03-04
	RT	Version 2	2002-04-23
	MST	Version 1	2002-03-21
	Kontrolliert / approved		

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