

Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number : **748112024**

LF

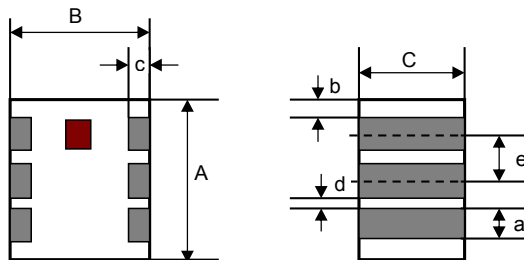


Bezeichnung : **Tiefpassfilter WE-LPF**

description : **Low-Pass-Filter WE-LPF**

DATUM / DATE : 2004-10-11

A Mechanische Abmessungen / dimensions :



	0603	
A	1,6 ± 0,1	mm
B	0,8 ± 0,1	mm
C	0,6 ± 0,1	mm
a	0,2 ± 0,1	mm
b	0,2 +0,1/-0,15	mm
c	0,15 ± 0,1	mm
d	0,3 ± 0,1	mm
e	0,5 ± 0,05	mm

B Elektrische Eigenschaften / electrical properties :

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Frequenzbereich / frequency range	BW	f ₀	2400 ... 2500	MHz	
Einfügedämpfung / insertion loss	@ BW	IL	0,5	dB	max.
VSWR	@ BW		1,5		max.
Dämpfung I / attenuation I	2 * f ₀	A	35	dB	min.
Dämpfung II / attenuation II	3 * f ₀	A	25	dB	min.
Dämpfung III / attenuation III		A		dB	
Dämpfung IV / attenuation IV		A		dB	

C Abbildung / appearance :



D Prüfgeräte / test equipment :

Agilent 8719ES

E Testbedingungen / test conditions :

Luftfeuchtigkeit / humidity: 50 ~ 70%
Umgebungstemperatur / temperature: 20°C ~ 25°C

F Werkstoffe & Zulassungen / material & approvals

Basismaterial / base material: Keramik / ceramic
Kontaktmaterial / contact plating: AG + Ni + Sn

G Eigenschaften / general specifications :

Betriebstemp. / operating temperature: -40°C ~ +85°C
Lagerbedingungen / storage conditions: 15°C ~ 35°C
45 ~ 75% RH
Leistung / power capacity : 3 W max.

Freigabe erteilt / general release:	Kunde / customer		
Datum / date	Unterschrift / signature		
	Würth Elektronik		
Geprüft / checked	Kontrolliert / approved		AWe Version 1 04-10-11
	Name	Änderung / modification	Datum / date

Würth Elektronik eiSos GmbH & Co.KG

D-74638 Waldenburg · Max-Eyth-Str. 1 · Germany · Telefon (+49) (0) 7942 - 945 - 0 · Telefax (+49) (0) 7942 - 945 - 400
http://www.we-online.de

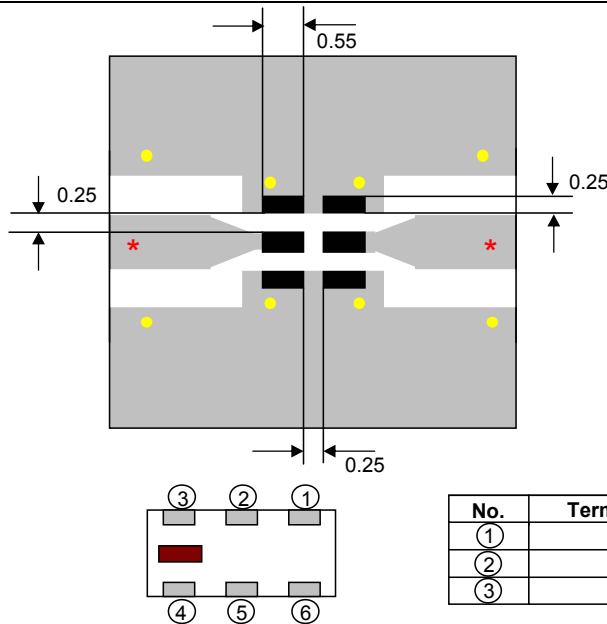
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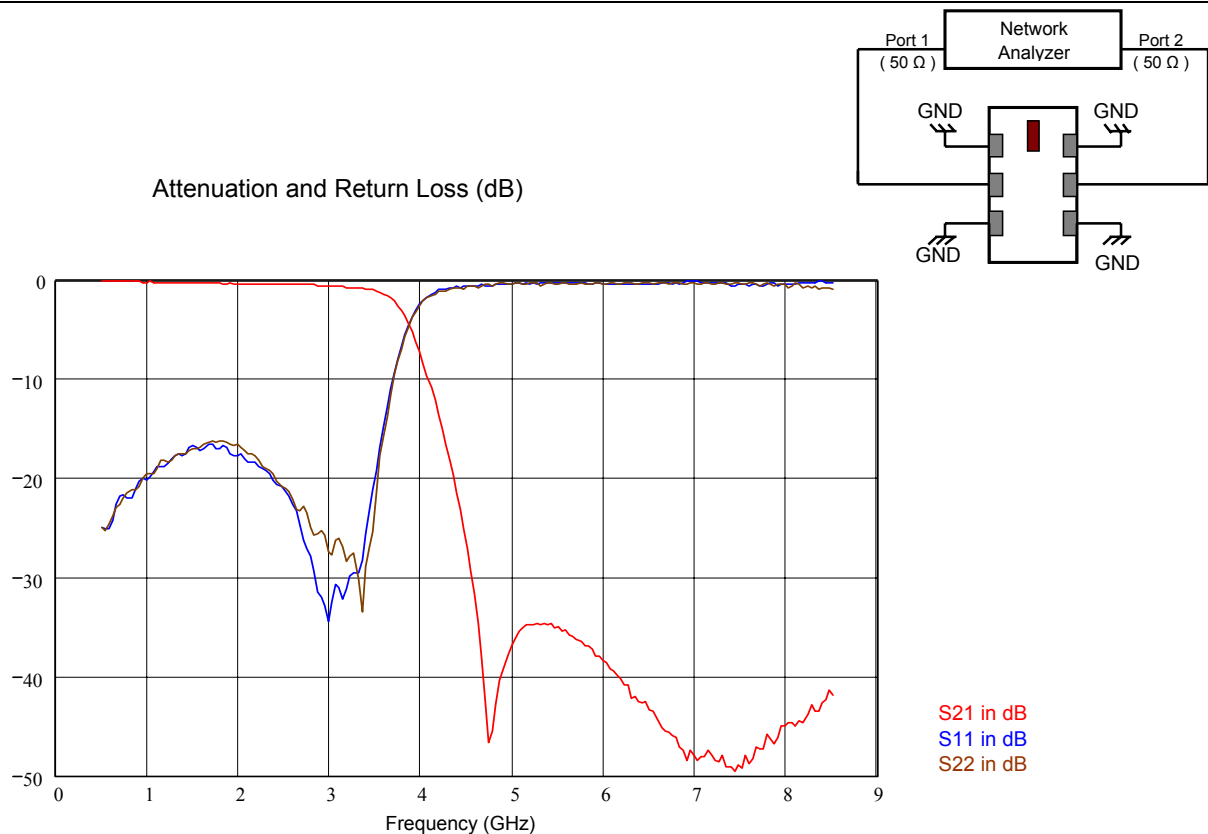
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H Lötadempfehlung / solder pads:



K Messdiagramm/ measuring diagram:



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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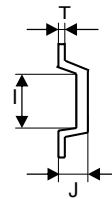
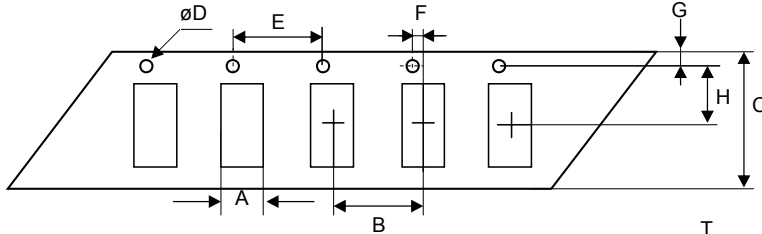
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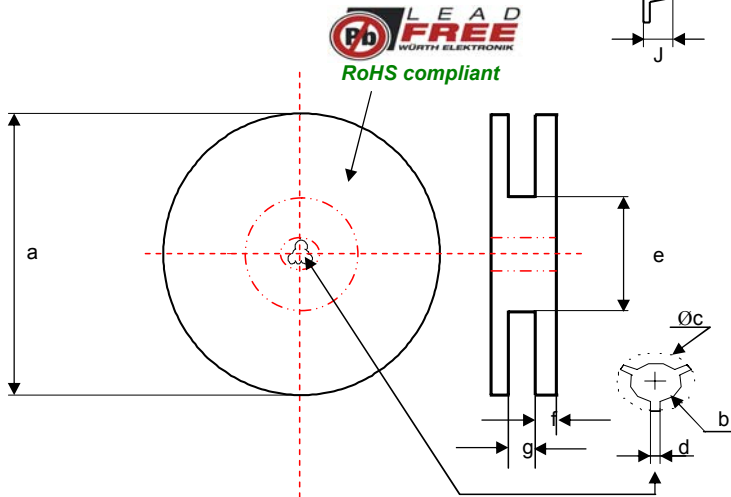
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I Rollenspezifikation / tape and reel specification :



Gurtspezifikation / Tape specification:

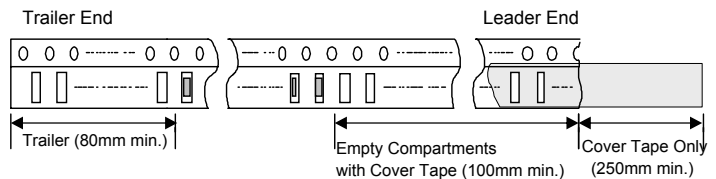
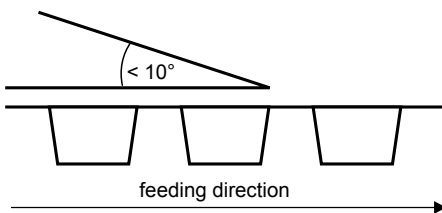
A	0,95 ± 0,1	mm
B	4,0 ± 0,1	mm
C	8,0 ± 0,2	mm
D	1,5 +0,1/-0,0	mm
E	4,0 ± 0,1	mm
F	2,0 ± 0,1	mm
G	1,75 ± 0,1	mm
H	3,5 ± 0,1	mm
I	1,8 ± 0,1	mm
J	0,85 max.	mm
T	0,2 ± 0,05	mm



Rollenspezifikation / Reel specification:

a	178,0 ± 2,0	mm
b	13,0 ± 0,3	mm
c	21,8 ± 0,8	mm
d	2,0 ± 0,5	mm
e	60,0 ± 0,5	mm
f	1,2 ± 2,0	mm
g	9,0 ± 0,3	mm

The force for tearing off cover tape is
 10 to 130 grams in arrow direction



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