

Spezifikation für Freigabe / specification for release

Kunde / customer :

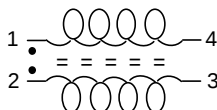
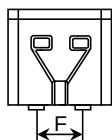
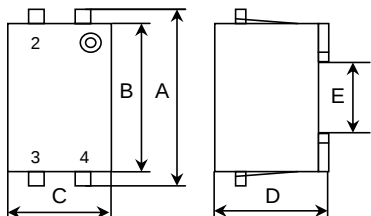
Artikelnummer / part number : 744242330

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



DATUM / DATE : 2006-02-08

A Mechanische Abmessungen / dimensions:

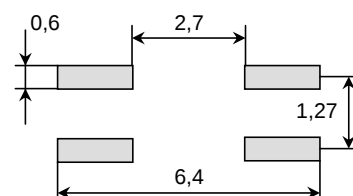


A	6,00 ± 0,3	mm
B	5,00 ± 0,3	mm
C	3,30 ± 0,3	mm
D	3,30 ± 0,2	mm
E	3,10 typ.	mm
F	1,27 typ.	mm
G		mm
H		mm

B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Induktivität / inductance	0,1V / 100KHz	L _{1-4;2-3}	33	μH	+50/-30%
DC-Widerstand / DC-resistance		R _{DC}	0.27	Ω	max.
Nennstrom / rated current	ΔT= 40K	I _{DC}	300	mA	max.
Impedanz / impedance		Z _{max}	2000	Ω	typ.
Nennspannung / rated voltage		U _{DC}	80	V _{DC}	max.

C Lötpad / soldering spec.:



D Prüfgeräte / test equipment:

HP 4191 B für/for Z und/and material

HP 34401 A für/for R_{DC} und/and IDC

E Testbedingungen / test conditions:

Luftfeuchtigkeit / humidity:	33%
Umgebungstemperatur / temperature:	+20°C
High-Pot Test (60Hz;3mA;1min.)	250VAC

F Werkstoffe & Zulassungen / material & approvals:

Basismaterial / base material:	Ferrit / ferrite
Draht / wire:	Class F
Gehäuse / Housing:	UL94-V0

G Eigenschaften / general specifications:

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.	

Freigabe erteilt / general release:

Kunde / customer

Datum / date

Unterschrift / signature

Würth Elektronik

Geprüft / checked

Kontrolliert / approved

MST	Version 3	06-02-08
MST	Version 1	05-07-28
Name	Änderung / modification	Datum / date

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

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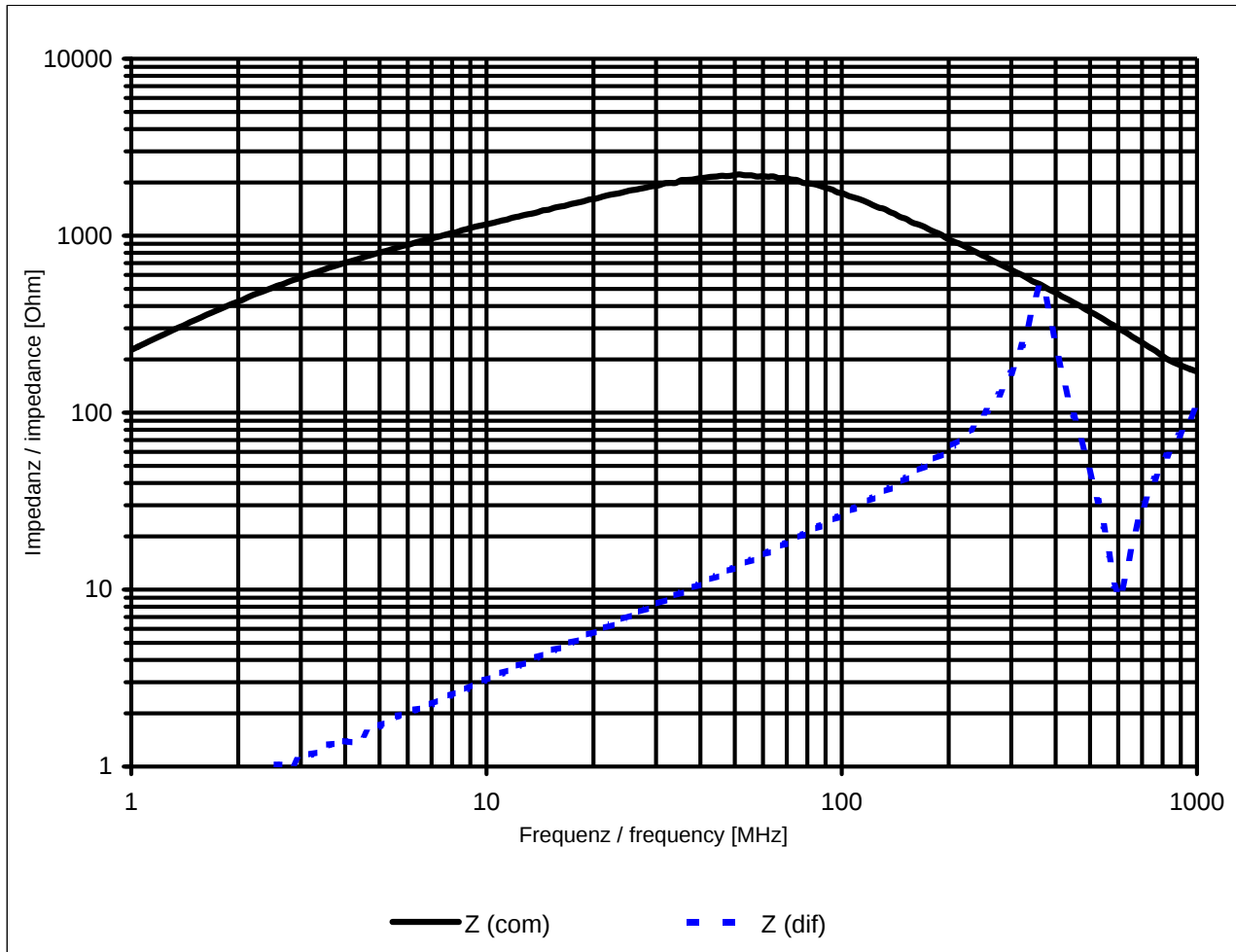
Bezeichnung : STROMKOMP. SMD LINE FILTER WE-SLM

description : COMMON MODE SMD LINE FILTER WE-SLM

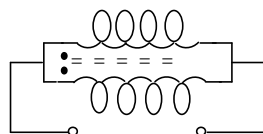


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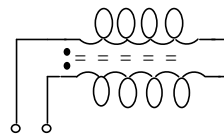
H Impedanzverlauf / impedance curve:



common mode



differential mode



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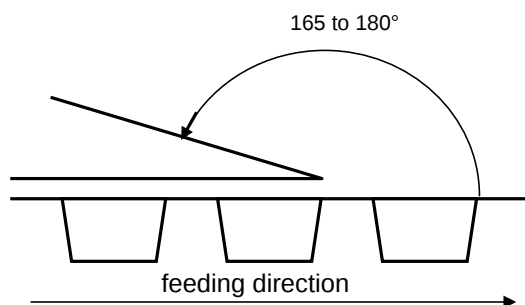
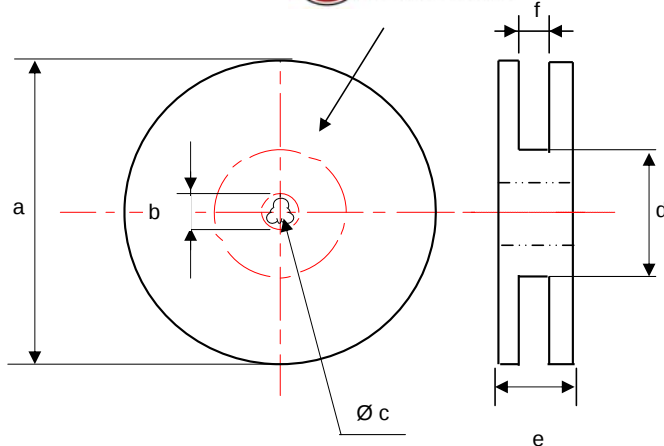
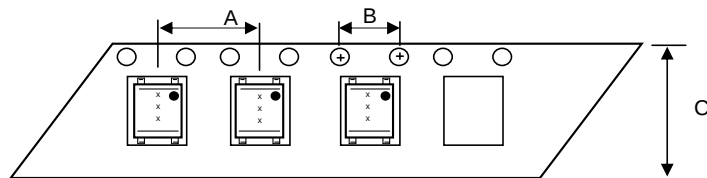
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I Rollenspezifikation / tape and reel specification:



Gurtspezifikation / Tape specification:

A	$8 \pm 1,0$	mm
B	$4 \pm 1,0$	mm
C	$16 \pm 1,0$	mm
D		mm
E		mm
F		mm
G		mm
H		mm
I		mm
J		mm
T		mm

Rollenspezifikation / Reel specification:

a	$178 \pm 2,0$	mm
b	$21 \pm 0,8$	mm
c	$13 \pm 0,5$	mm
d	$50 \pm 1,0$	mm
e	20.5	mm
f	18	mm

quantity: 500 pieces

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

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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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