

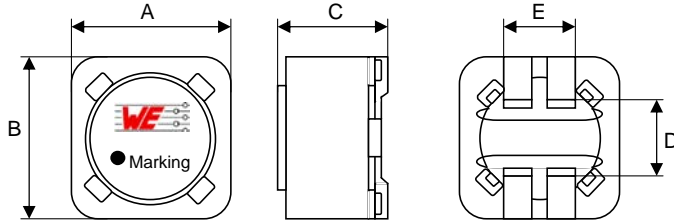
Spezifikation für Freigabe / specification for release

Kunde / customer : _____
 Artikelnummer / part number : **742792901**
 Bezeichnung : **POWERFERRIT WE-PF**
 description : **POWERFERRITE WE-PF**



DATUM / DATE : 2007-04-19

A Mechanische Abmessungen / dimensions:



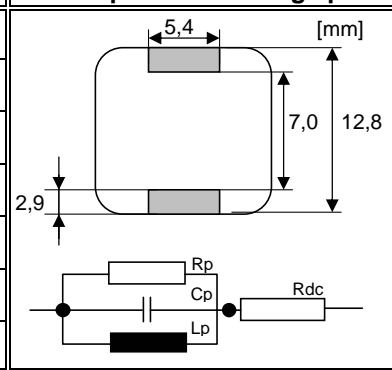
A	12,0 ± 0,5	mm
B	12,0 ± 0,5	mm
C	8,0 max.	mm
D	8,0 ± 0,3	mm
E	5,0 ref	mm

● Marking = Partnumber code

B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Max. Impedanz / max. impedance	90 MHz	Z	2,900	Ω	typ.
DC-Widerstand / DC-resistance		R _{DC}	9,00	mΩ	max.
Nennstrom / rated current		I _{DC}	10,00	A	max.
Parallel Induktivität / Parallel inductivity	P-Spice Modell	L _p	0,9292	μH	ref.
Parallel Kapazität / Parallel capacity	P-Spice Modell	C _p	1,7734	pF	ref.
Parallel Widerstand / Parallel resistivity	P-Spice Modell	R _p	2,2500	KΩ	ref.

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
HP 4195 für/for L_p;C_p;R_p

E Testbedingungen / test conditions:

Luftfeuchtigkeit / humidity: 33%
 Umgebungstemperatur / temperature: +20°C

F Werkstoffe & Zulassungen / material & approvals:

Basismaterial / base material:
 Draht / wire: 2SFBW (155°)

G Eigenschaften / general specifications:

Lagertemperatur / storage temperature: -20°C - + 40°C
 Betriebstemp. / operating temperature: -40°C - + 125°C

Freigabe erteilt / general release:	Kunde / customer		
Datum / date	Unterschrift / signature		
Geprüft / checked	Würth Elektronik		
Geprüft / checked	Kontrolliert / approved		
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
<http://www.we-online.de>

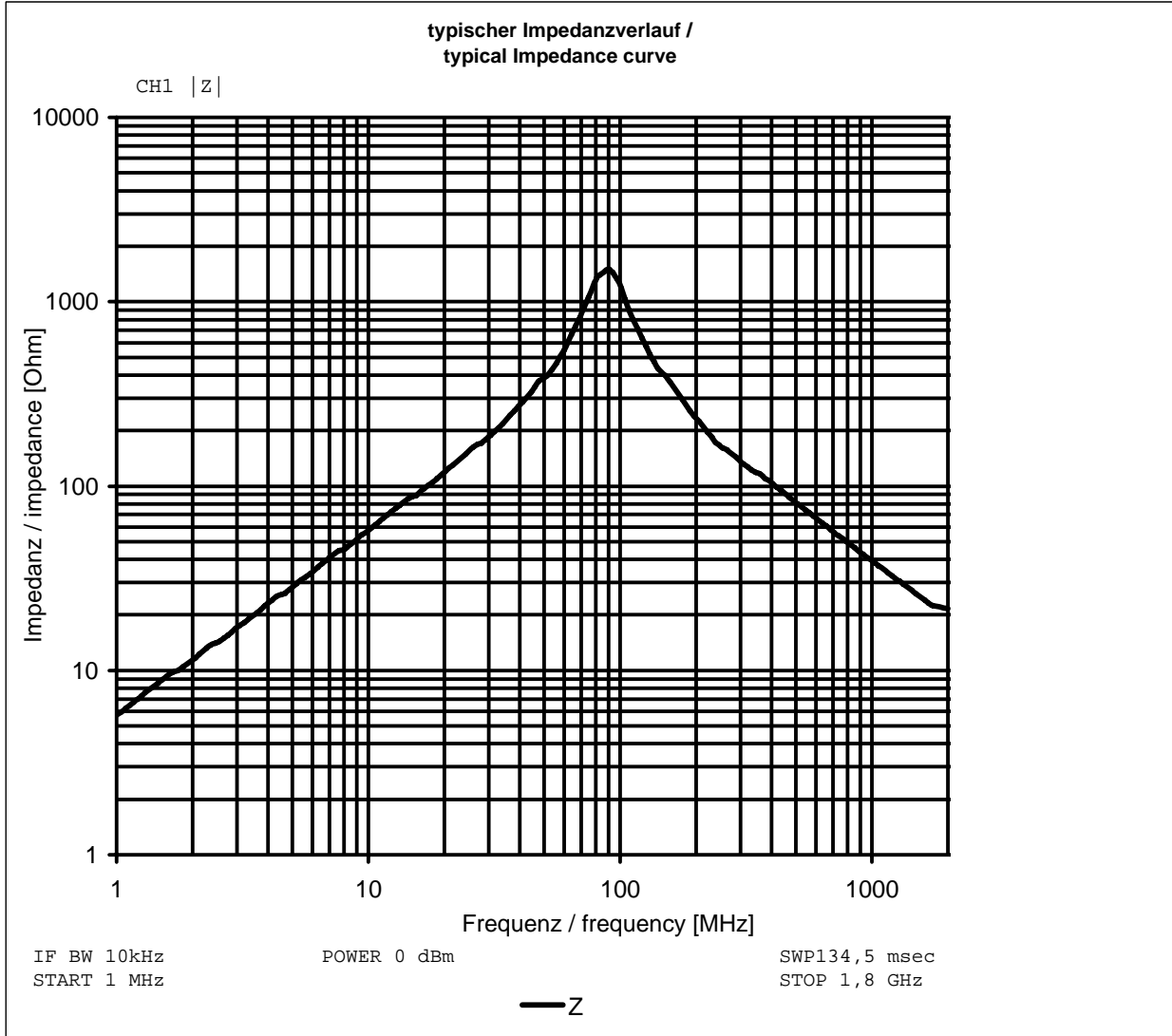
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H Typische Impedanzverlauf / typical impedance curve:



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..... Datum / date Unterschrift / signature		
	Würth Elektronik		
..... Geprüft / checked Kontrolliert / approved		
		Name	Änderung / modification Datum / date
		SMU	Version 6 07-04-19
		SMU	Version 5 07-04-10
		LF	RohS Update 04-10-11
		SST	Tape & reel spec. 04-05-10
		LF	Update 2GHz 04-01-14
		JH	Neugestaltung 00-12-06

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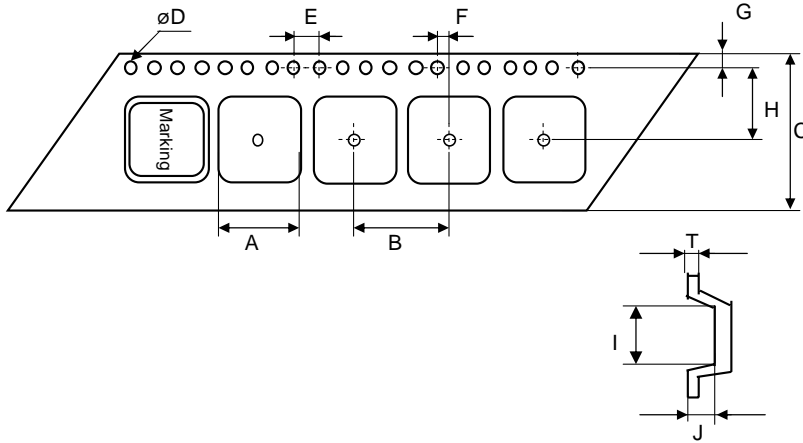
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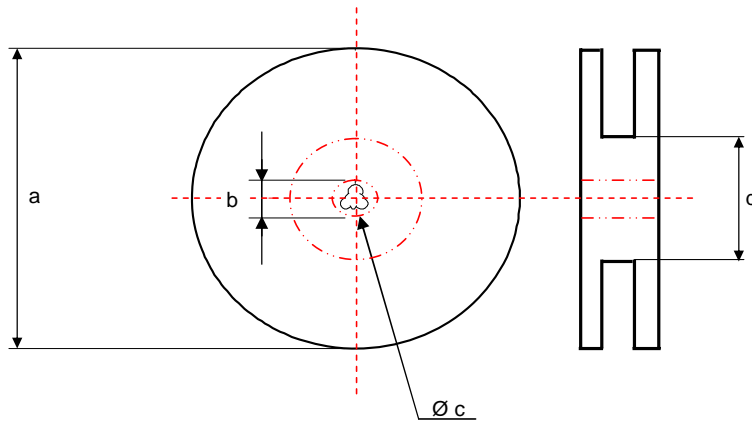


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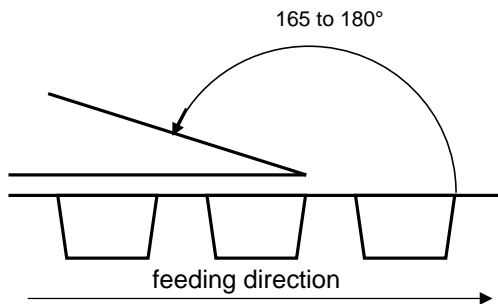
I Rollenspezifikation / tape and reel specification :



Gurtspezifikation / Tape specification :		
A	12,6 ± 0,1	mm
B	16,0 ± 0,1	mm
C	24,0 ± 0,3	mm
D	1,50 +0,1/-0	mm
E	4,00 ± 0,1	mm
F	2,00 ± 0,1	mm
G	1,75 ± 0,1	mm
H	11,5 ± 0,1	mm
I	12,6 ± 0,1	mm
J	8,1 ± 0,1	mm
T	0,40 ± 0,05	mm



Rollenspezifikation / Reel specification:		
a	330,0 ± 0,5	mm
b	20,20 ± 0,1	mm
c	13,00 +0,5/-1,0	mm
d	100,0 ± 1,0	mm



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

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	SMU	Version 6	07-04-19
	SMU	Version 5	07-04-10
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	LF	Update 2GHz	04-01-14
	JH	Neugestaltung	00-12-06

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.

Würth Elektronik eiSos GmbH & Co. KG

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