

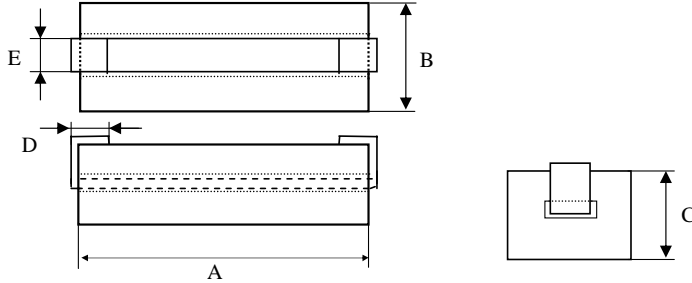
# Spezifikation für Freigabe / specification for release

Kunde / customer : \_\_\_\_\_  
 Artikelnummer / part number : **7427930**  
 Bezeichnung : **SMD-FERRIT WE-PBF**  
 description : **SMD Power Bead Ferrite WE-PBF**



DATUM / DATE : 2007-10-01

## A Mechanische Abmessungen / dimensions:

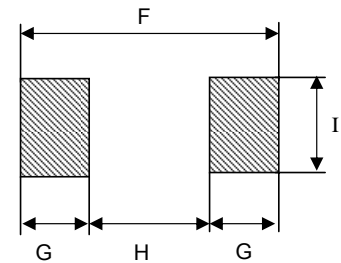


A	<b>4,0 ± 0,20</b>	mm
B	<b>3,0 ± 0,20</b>	mm
C	<b>2,55 ± 0,15</b>	mm
D	<b>1,27 ± 0,30</b>	mm
E	<b>1,45 ± 0,10</b>	mm
F	<b>6,3 ref.</b>	mm
G	<b>2,2 ref.</b>	mm
H	<b>1,9 ref.</b>	mm
I	<b>3,3 ref.</b>	mm

## B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Impedanz / impedance	<b>25 MHz</b>	Z	<b>28</b>	Ω	<b>±25%</b>
Max. Impedanz / max. impedance	<b>100 MHz</b>	Z	<b>42</b>	Ω	<b>typ.</b>
DC-Widerstand / DC-resistance		R <sub>DC</sub>	<b>0,60</b>	mΩ	<b>max.</b>
Nennstrom / rated current		I <sub>DC</sub>	<b>6</b>	A	<b>max.</b>

## C Lötpad / soldering spec.:



## D Prüfgeräte / test equipment:

**E4991A** für/for Z und/and material  
**HP 34401 A** für/for R<sub>DC</sub> und/and IDC

## E Testbedingungen / test conditions:

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

## F Werkstoffe & Zulassungen / material & approvals:

Basismaterial / base material: 3 W 300  
 Draht / wire: Ø0.2 T.C.W\*1.27\*9mm

## G Eigenschaften / general specifications:

Curietemperatur / curie temperature: > 150°C  
 Betriebstemp. / operating temperature: -55°C - +125°C  
 Lagertemperatur / storage temperature: -20°C - + 60°C\*  
 \* vor Verarbeitung

Freigabe erteilt / general release:	Kunde / customer		
Datum / date	Unterschrift / signature		
	Würth Elektronik		
Geprüft / checked	Kontrolliert / approved		
	Name	Änderung / modification	Datum / date

**Würth Elektronik eiSos GmbH & Co. KG**

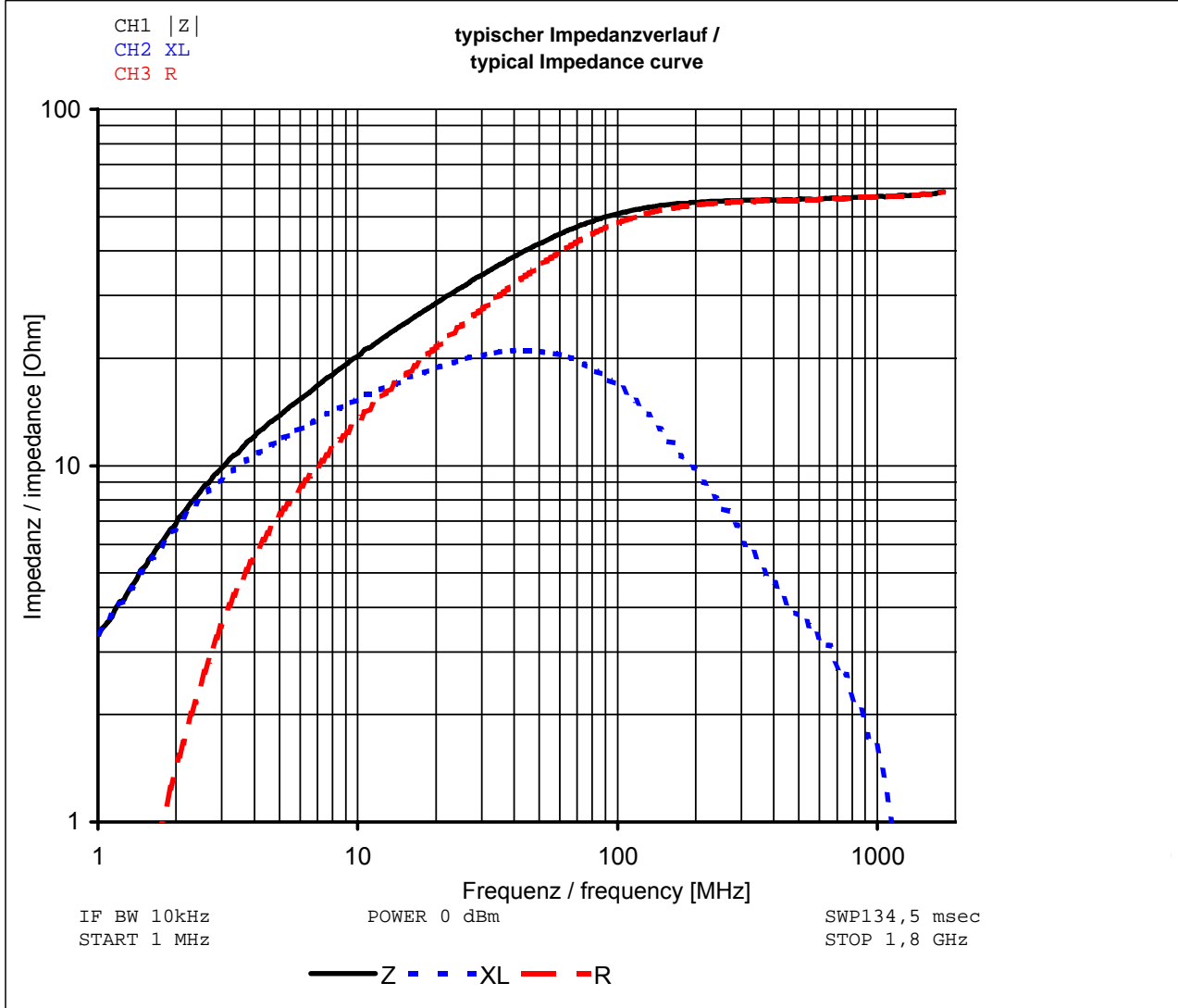
D-74638 Waldenburg · Max-Eyth-Strasse 1 - 3 · Germany · Telefon (+49) (0) 7942 - 945 - 0 · Telefax (+49) (0) 7942 - 945 - 400  
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## H Impedanzverlauf / impedance curve:



Freigabe erteilt / general release:	<b>Kunde / customer</b>			
Datum / date	Unterschrift / signature	SMU	Version 4	07-10-01
	<b>Würth Elektronik</b>	SST	Version 3	05-03-17
		LF	Version 2	04-10-11
Geprüft / checked	Kontrolliert / approved	LF	Version 1	04-01-14
		Name	Änderung / modification	Datum / date

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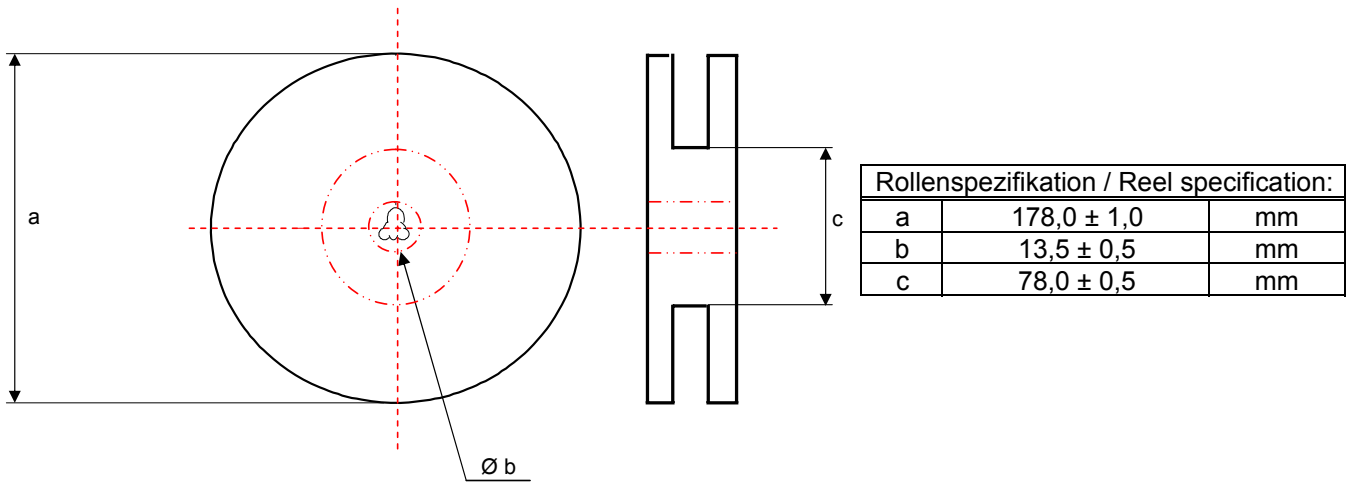
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## H Rollenspezifikation / Reel specification:

Verpackungseinheit / packing unit      500pcs.



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.....	.....			
Datum / date	Unterschrift / signature	SMU	Version 4	07-10-01
	<b>Würth Elektronik</b>	SST	Version 3	05-03-17
.....	.....	LF	Version 2	04-10-11
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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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