

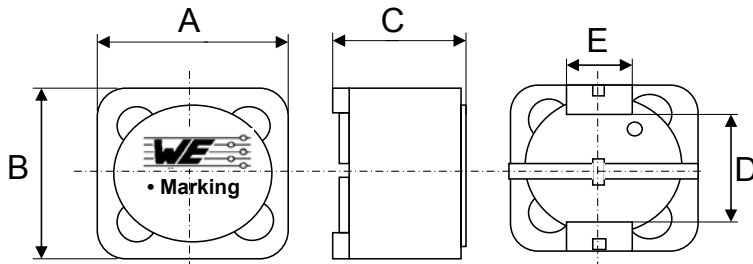
Spezifikation für Freigabe / specification for release

Kunde / customer : _____
 Artikelnummer / part number : **74477110**
 Bezeichnung : **SPEICHERDROSSEL WE-PD**
 description : **POWER-CHOKE WE-PD**



DATUM / DATE : 2003-12-10

A Mechanische Abmessungen / Dimensions :



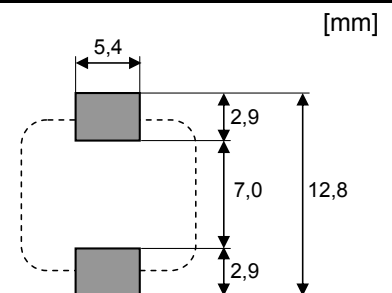
● = Start of winding Marking = Inductance code

	Typ L	
A	12,0 ± 0,3	mm
B	12,0 ± 0,3	mm
C	6,0 max.	mm
D	8,0 ± 0,3	mm
E	5,0 ± 0,2	mm

B Elektrische Eigenschaften / Electrical properties :

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Induktivität / Inductance	1 kHz / 0,25V	L	10,00	μH	±20%
DC-Widerstand / DC-resistance	@ 20°C	R _{DC typ.}	0,021	Ω	typ.
DC-Widerstand / DC-resistance	@ 20°C	R _{DC max.}	0,025	Ω	max.
Nennstrom / Rated current	ΔT=40°K	I _{DC}	4,09	A	max.
Sättigungsstrom / Saturation current	 ΔL/L <10%	I _{sat}	5,60	A	typ.
Eigenres.-Frequenz / Self-res.-frequency		SRF	21,50	MHz	min.

C Lötpad / Soldering spec. :



D Prüfgeräte / test equipment :

HP 4274 A für/for L und/and Q
HP 34401 A für/for I_{DC} und/and R_{DC}

E Testbedingungen / test conditions :

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

F Werkstoffe & Zulassungen / material & approvals :

Basismaterial / base material: Ferrit/ferrite
 Draht / wire: 2UEW 130°C
 Kontaktmaterial/ contact plating: Cu-Ag tinned

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	MST	Version 4	03-12-10
	Würth Elektronik	RT	Version 3	03-03-03
		MST	Version 2	02-03-27
		JH	Version 1	00-12-06
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.com>

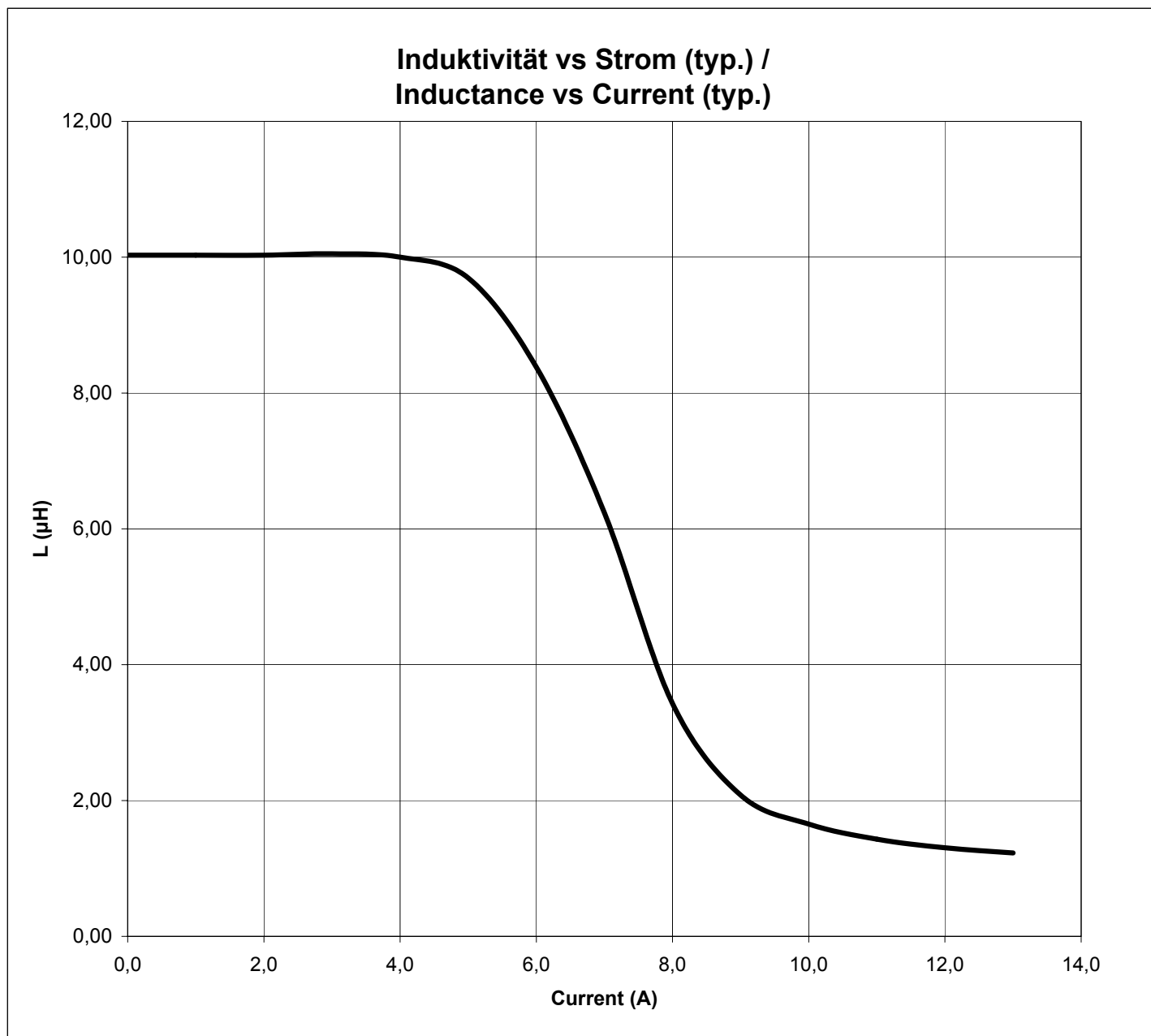
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H Induktivitätskurve / Inductance curve :



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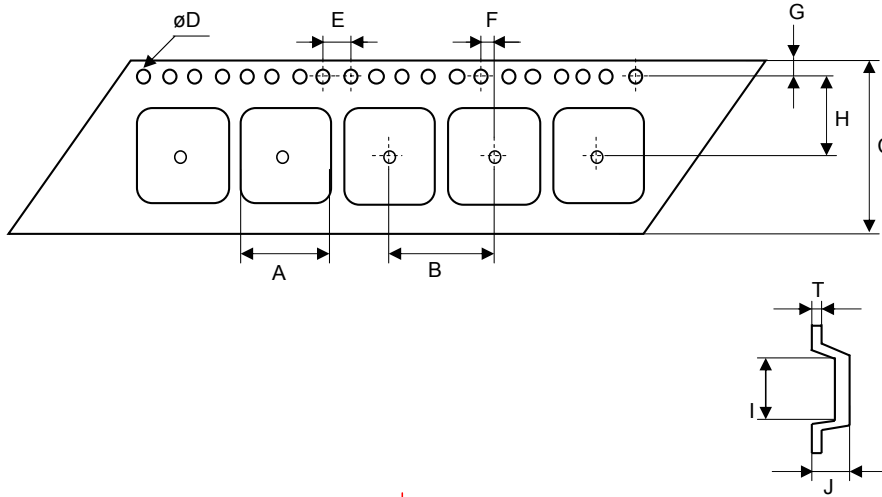
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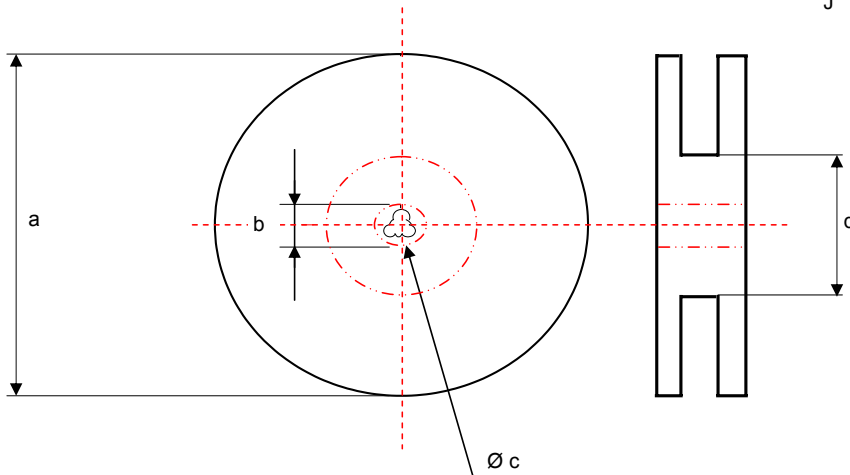
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I Rollenspezifikation / tape and reel specification :



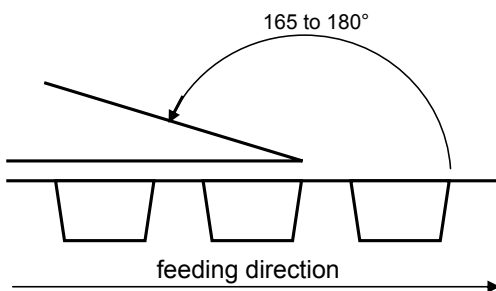
Gurtspezifikation / Tape specification:

A	$12,7 \pm 0,1$	mm
B	$16,0 \pm 0,1$	mm
C	$24,0 \pm 0,2$	mm
D	$1,50^{+0,1}_{-0,0}$	mm
E	$4,00 \pm 0,1$	mm
F	$2,00 \pm 0,1$	mm
G	$1,75 \pm 0,1$	mm
H	$11,5 \pm 0,1$	mm
I	$12,7 \pm 0,1$	mm
J	$6,20 \pm 0,1$	mm
T	$0,40 \pm 0,05$	mm



Rollenspezifikation / Reel specification:

a	$330,0 \pm 0,5$	mm
b	$20,20 \pm 0,2$	mm
c	$13,00^{+0,5}_{-1,0}$	mm
d	$100,0 \pm 0,2$	mm



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

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	Würth Elektronik		
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