

Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number :

7447709390

LF

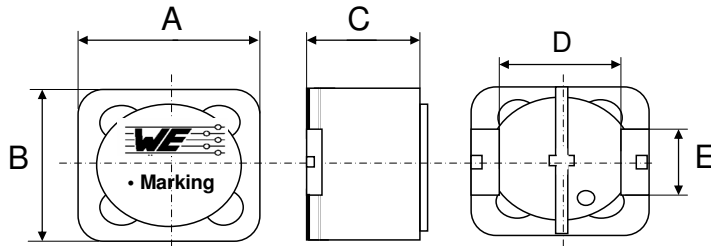


Bezeichnung : **SPEICHERDROSSEL WE-PD**

description : **POWER-CHOKE WE-PD**

DATUM / DATE : 2006-06-23

A Mechanische Abmessungen / dimensions:



	Typ XXL	
A	12,0 ± 0,5	mm
B	12,0 ± 0,5	mm
C	10,0 max.	mm
D	7,6 ref	mm
E	5,0 ref	mm

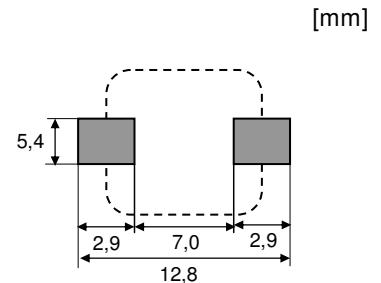
● = Start of winding

Marking = Inductance code

B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Induktivität / inductance	1 kHz / 0,25V	L_N	39,0	μH	±20%
DC-Widerstand / DC-resistance	@ 20°C	$R_{DC \text{ typ}}$	44,00	mΩ	typ.
DC-Widerstand / DC-resistance	@ 20°C	$R_{DC \text{ max}}$	56,00	mΩ	max.
Nennstrom / rated current	ΔT=40 K	I_{DC}	4,10	A	max.
Sättigungsstrom / saturation current	ΔL/L <10%	I_{sat}	5,00	A	typ.
Eigenres.-Frequenz / self-res.-frequency		SRF	6,0	MHz	typ.

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
Endoberfläche / finishing electrode:	100% Sn
Anbindung an Elektrode / soldering wire to plating:	Sn/Cu - 99.3/0.7 %
Draht / wire:	2SFBW 155°C

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:

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Datum / date

Unterschrift / signature

Würth Elektronik

Geprüft / checked

Kontrolliert / approved

SSt

Version 2

06-06-23

SSt

Version 1

06-06-01

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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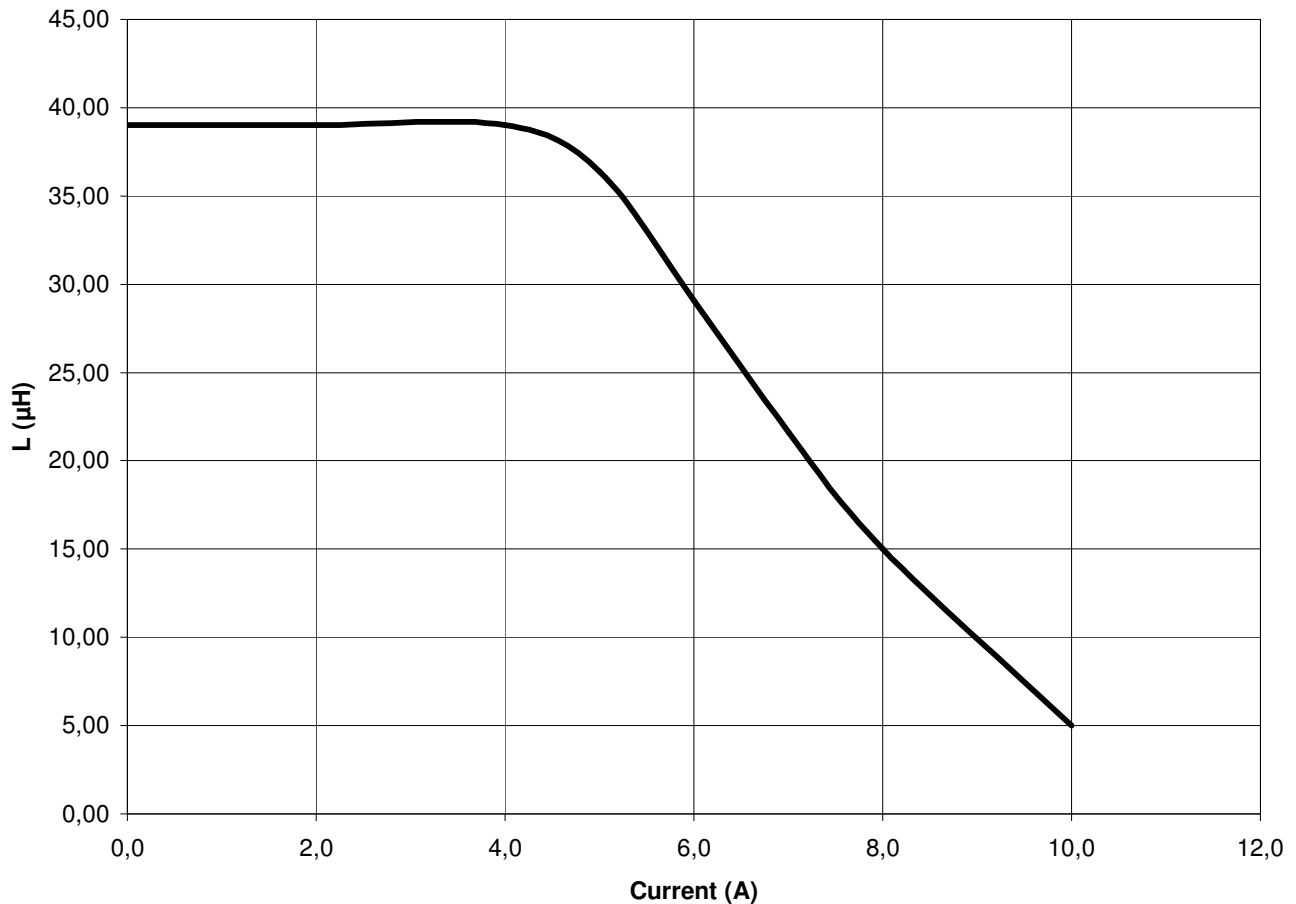
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H Induktivitätskurve / Inductance curve :

**Induktivität vs Strom (typ.) /
Inductance vs Current (typ.)**



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Datum / date	Unterschrift / signature				
	Würth Elektronik				
			SSt	Version 2	06-06-23
			SSt	Version 1	06-06-01
Geprüft / checked	Kontrolliert / approved		Name	Änderung / modification	Datum / date

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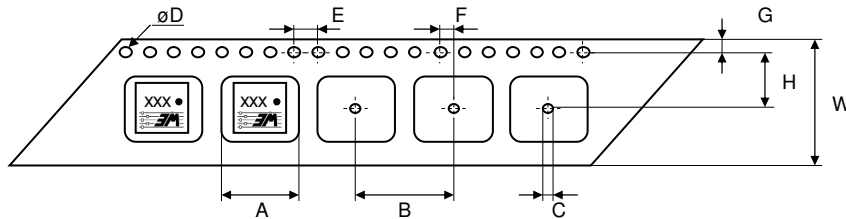
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description : **POWER-CHOKE WE-PD**

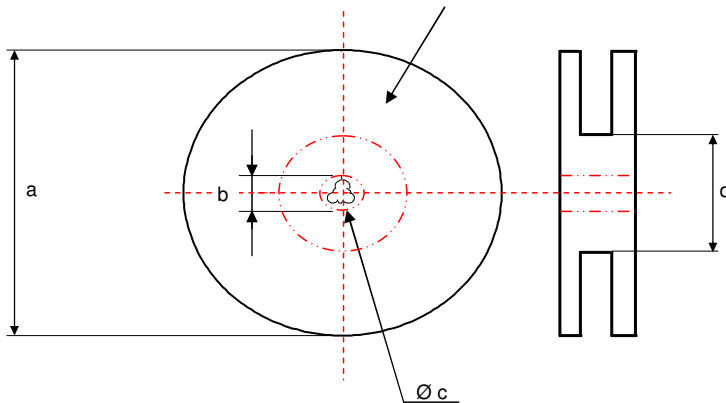
DATUM / DATE : 2006-06-23

I Rollenspezifikation / tape and reel specification:

Gurtspezifikation / Tape specification:

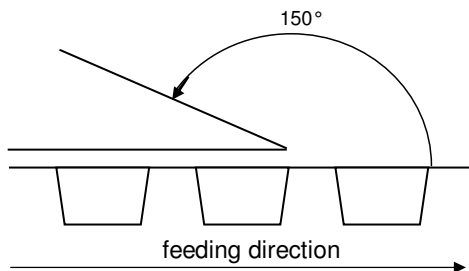


A	12,85 ± 0,1	mm
B	20,0 ± 0,1	mm
C	1,50 ± 0,05	mm
D	1,50 ± 0,1 0,0	mm
E	4,00 ± 0,1	mm
F	2,00 ± 0,1	mm
G	1,75 ± 0,1	mm
H	11,5 ± 0,1	mm
I	12,85 ± 0,1	mm
J	10,60 ± 0,1	mm
T	0,50 ± 0,05	mm
W	24,0 ± 0,3	mm



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
20 to 70 grams in arrow direction

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Version 2

06-06-23

SSt

Version 1

06-06-01

Name

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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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