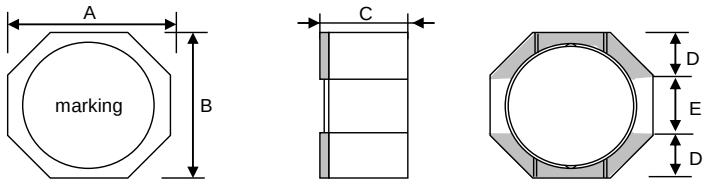
Spezifikation für Freigabe / specification for release

Kunde / customer :
Artikelnummer / part number : **744025001**

Bezeichnung : **SPEICHERDROSSEL WE-TPC**
description : **POWER-CHOKE WE-TPC**

DATUM / DATE : 2010-11-09

A Mechanische Abmessungen / dimensions:



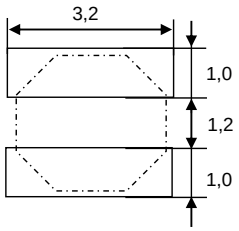
size	2828	
A	**2,8 ± 0,2**	mm
B	**2,8 ± 0,2**	mm
C	**2,8 ± 0,20**	mm
D	**0,9 typ.**	mm
E	**1,0 typ.**	mm

B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Induktivität / inductance	**100 kHz / 1mA**	L_o	1,2	µH	**±20%**
DC-Widerstand / DC-resistance	**@ 20°C**	$R_{DC\ typ.}$	36	mΩ	**typ.**
DC-Widerstand / DC-resistance	**@ 20°C**	$R_{DC\ max.}$	42	mΩ	**max.**
Nennstrom / rated Current	**ΔT = 40 K**	I_N	2,6	A	**typ.**
Sättigungsstrom / saturation current	**ΔL/L = < 35%**	I_{sat}	3,0	A	**typ.**
Eigenres.-Frequenz / self-res.-fequency	**@ 20°C**	SRF	180	MHz	**typ.**

C Lötpad / soldering spec.:

[mm]



D Prüfgeräte / test equipment:

WAYNE KERR 3260B für/for L_o; I_{SAT}

HP 34401 A & Fluke 54II für/for $I_{DC;}$

Metra HIT 27I für/for 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:	Class H /180°C
Endoberfläche / finishing electrode:	Ag/Ni/Sn

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

Name	Änderung / modification	Datum / date
CZ	Version 1	10-11-09

Würth Elektronik eiSos GmbH & Co. KG

D-74638 Waldenburg · Max-Eyth-Strasse 1 · Germany · Telefon (+49) (0) 7942 - 945 - 0 · Telefax (+49) (0) 7942 - 945 - 400

http://www.we-online.de

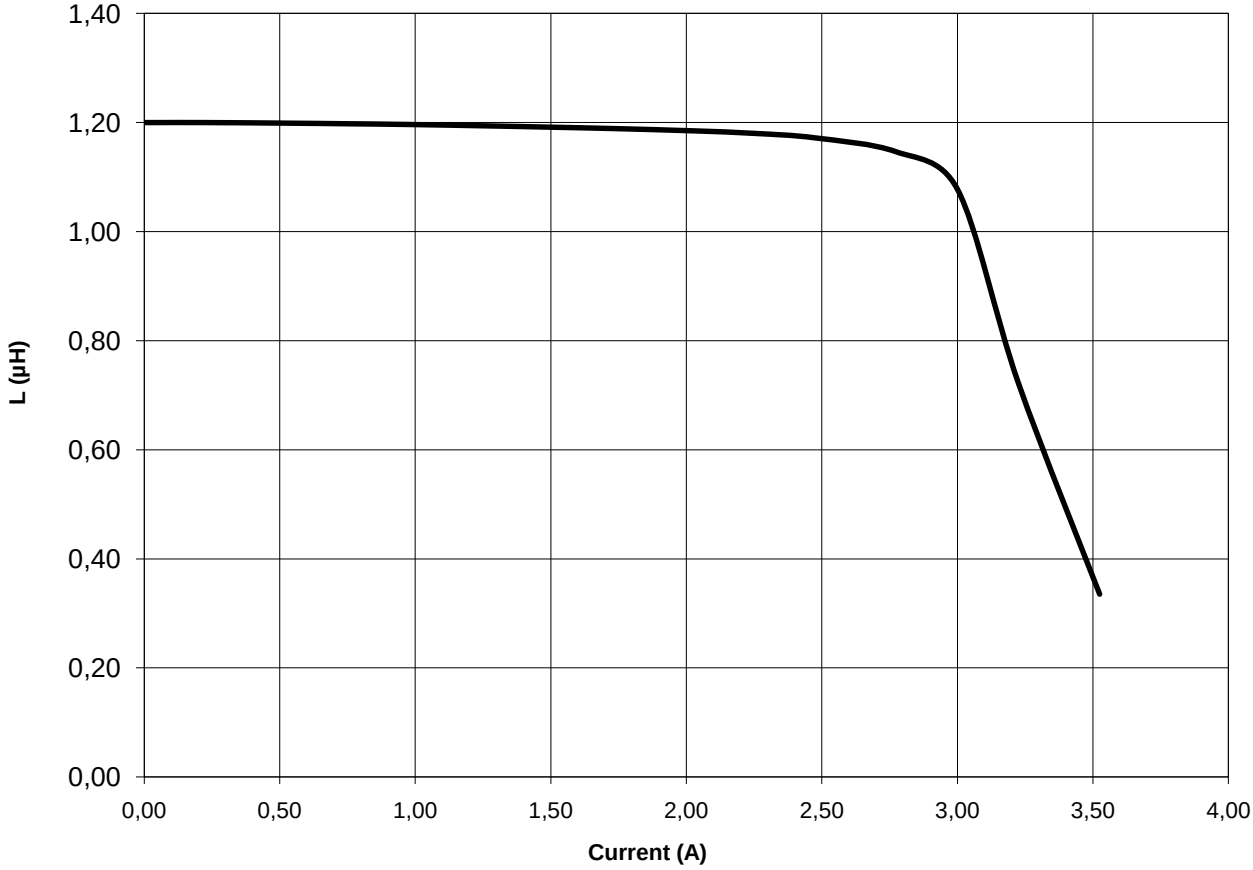
Spezifikation für Freigabe / specification for release

Kunde / customer :
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Bezeichnung : **SPEICHERDROSSEL WE-TPC**
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DATUM / DATE : 2010-11-09

H Induktivitätskurve / Inductance curve:



Freigabe erteilt / general release:	**Kunde / customer**			
Datum / date	Unterschrift / signature			
	Würth Elektronik			
		CZ	Version 1	10-11-09
Geprüft / checked	Kontrolliert / approved	Name	**Änderung / modification**	Datum / date

Spezifikation für Freigabe / specification for release

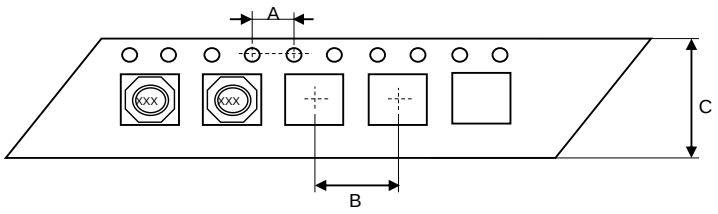
Kunde / customer :
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Bezeichnung : **SPEICHERDROSSEL WE-TPC**
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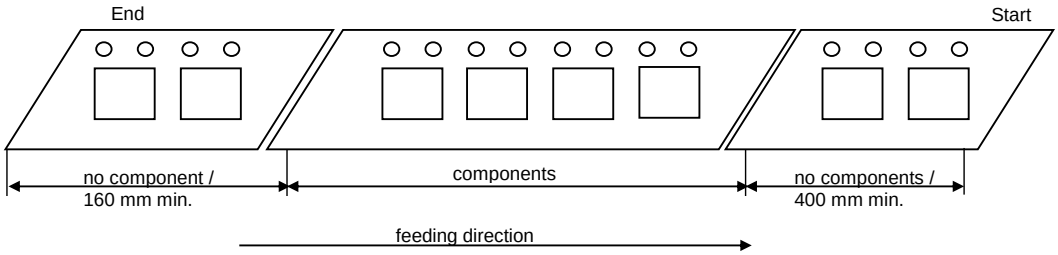
DATUM / DATE : 2010-11-09

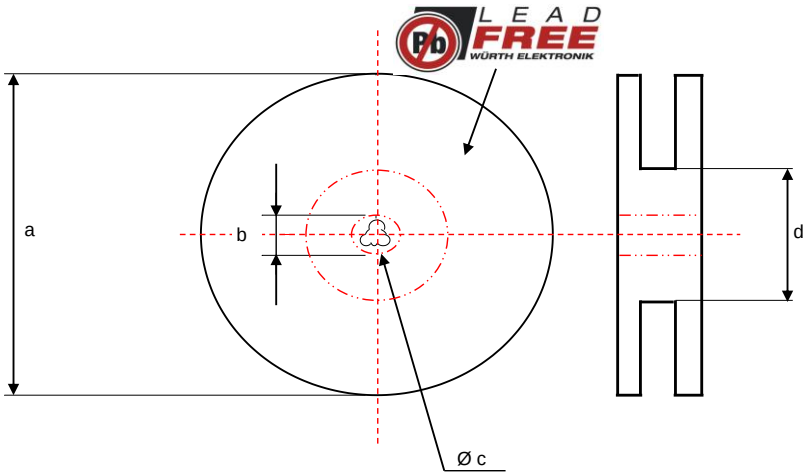
I Rollenspezifikation / tape and reel specification:

Gurtspezifikation / Tape specification:



A	**4,00 ± 0,1**	mm
B	**8,00 ± 0,1**	mm
C	**12,0 ± 0,2**	mm





Rollenspezifikation / Reel specification:		
a	**178,0 ± 2,0**	mm
b	**21,00 ± 0,8**	mm
c	**13,00 ± 0,5**	mm
d	**50,00 ± 1,0**	mm

Freigabe erteilt / general release:

Kunde / customer				
Würth Elektronik				
		CZ	Version 1	10-11-09
		Name	**Änderung / modification**	Datum / date

Datum / date — Unterschrift / signature

Geprüft / checked — Kontrolliert / approved

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, nudear 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
D-74638 Waldenburg · Max-Eyth-Strasse 1 · Germany · Telefon (+49) (0) 7942 - 945 - 0 · Telefax (+49) (0) 7942 - 945 - 400
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Related Product Links

710-744025001 - Wurth Electronics 744025001