Spezifikation für Freigabe / specification for release

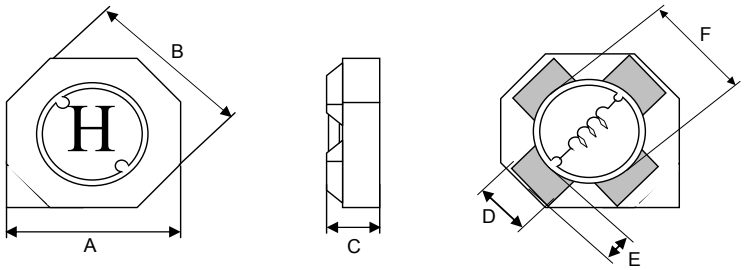
Kunde / customer :
Artikelnummer / part number : **744030100** LF

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

RoHS compliant

DATUM / DATE : 2006-05-17

A Mechanische Abmessungen / dimensions:

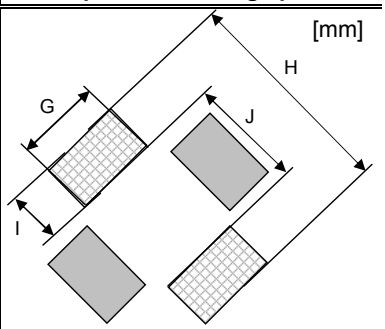


	Typ XS	
A	**3.3 ± 0.2**	mm
B	**3.5 ± 0.2**	mm
C	**0.95 ± 0.10**	mm
D	**1.10 typ.**	mm
E	**0.5 typ.**	mm
F	**2.3 typ.**	mm
G	**1.3 typ.**	mm
H	**4.2 typ.**	mm
I	**1.2 typ.**	mm
J	**1.8 typ.**	mm

B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Induktivität inductance	**100 kHz / 0.25V**	L	**10,00**	µH	**± 30%**
DC-Widerstand DC-resistance	**@ 20°C**	$R_{DC\ typ}$	**0,610**	Ω	**typ.**
DC-Widerstand DC-resistance	**@ 20°C**	$R_{DC\ max}$	**0,760**	Ω	**max.**
Nennstrom rated Current	**ΔT = 40 K**	I_N	**0,28**	A	**max.**
Sättigungsstrom saturation current	**ΔL/L = -10%**	I_{sat}	**0,35**	A	**typ.**
Eigenres.-Frequenz self-res.-fequency		SRF	**60**	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

Draht / wire: Class F

G Eigenschaften / general specifications:

Betriebstemp. / operating temperature: -40°C - + 115°C

Umgebungstemp. / ambient temperature: -40°C - + 85°C

It is recommended that the temperature of the part does not exceed 115°C under worst case operating conditions.

Freigabe erteilt / general release:

Kunde / customer				
Datum / date	Unterschrift / signature			
Würth Elektronik		SSt	Version 3	06-05-17
		MST	Version 2	04-10-11
		AG	Version 1	04-05-24
Geprüft / checked	Kontrolliert / approved	Name	**Änderung / modification**	Datum / date

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

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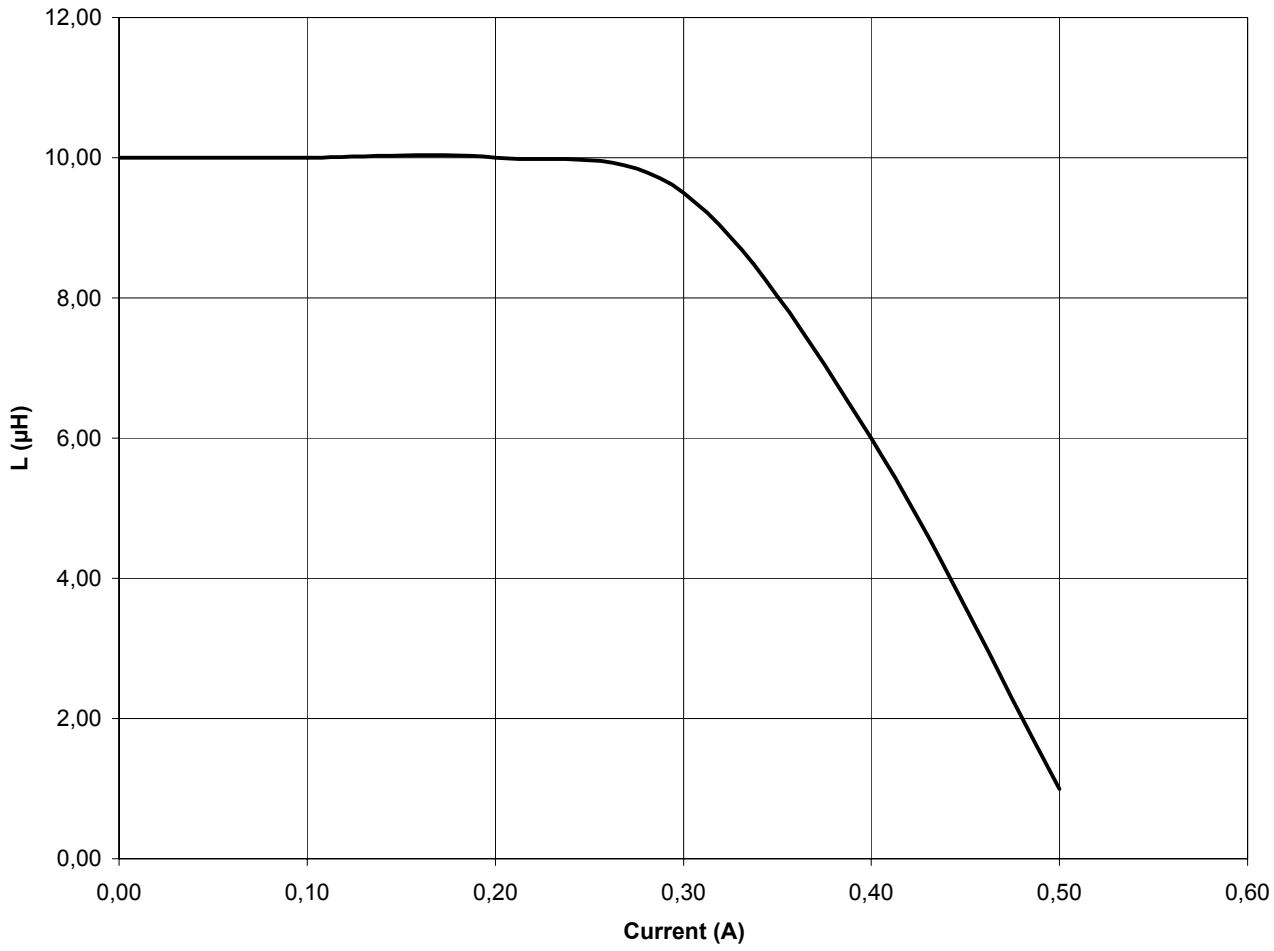
H Induktivitätskurve / Inductance curve:



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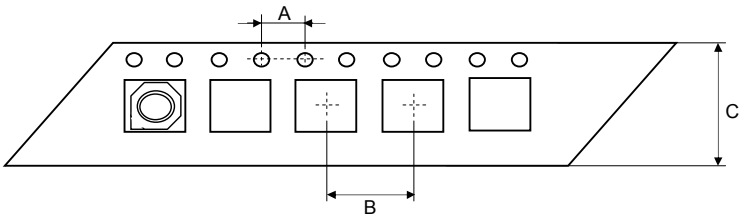
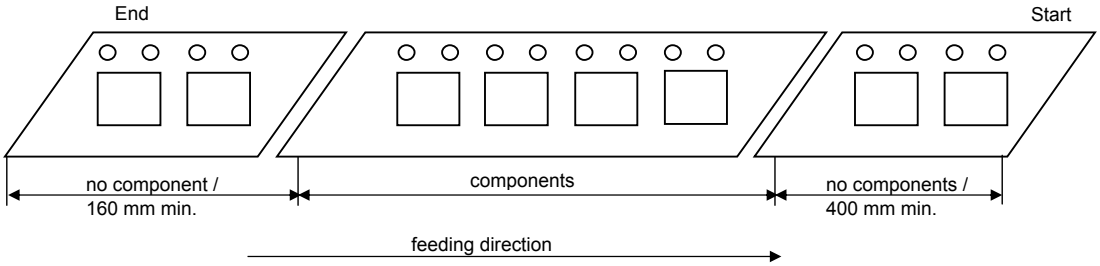
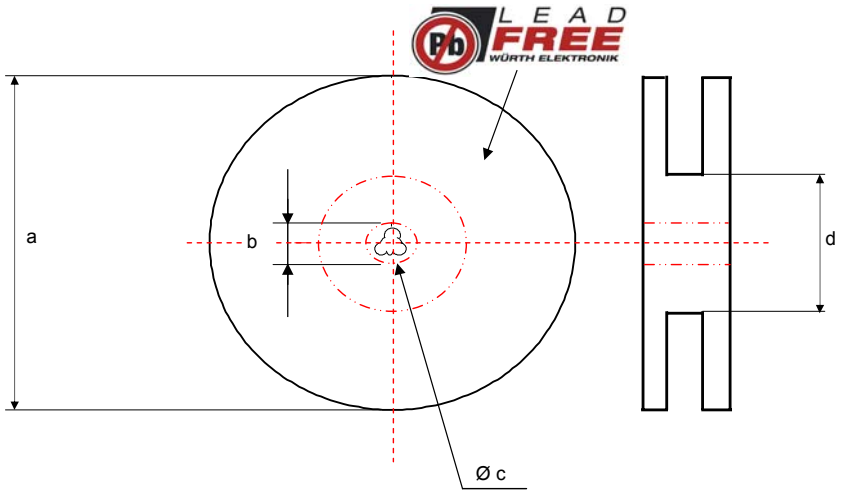
I Rollenspezifikation / tape and reel specification:

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

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