Spezifikation für Freigabe / specification for release

Kunde / customer :

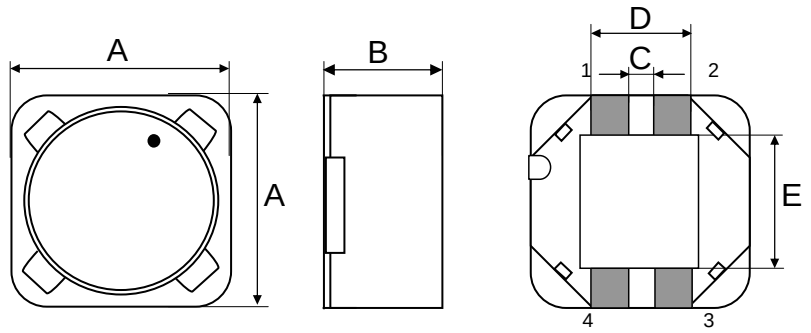
Artikelnummer / part number : **7448709330**

Bezeichnung : **DOPPELDROSSEL WE-DD**

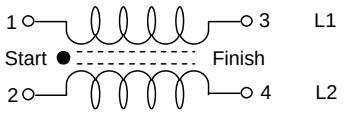
description : **POWER-CHOKE WE-DD**

DATUM / DATE : 2008-10-06

A Mechanische Abmessungen / dimensions:



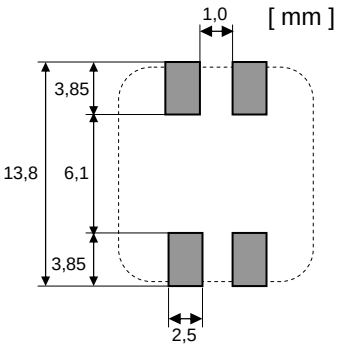
	Typ XXL	
A	**12,5 max.**	mm
B	**10,5 max.**	mm
C	**1,5 ± 0,2**	mm
D	**4,9 ± 0,2**	mm
E	**7,3 ± 0,5**	mm



B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Induktivität (je Wicklg.) / inductance (each wdg.)	**1 kHz / 0,25V**	L_1, L_2	**33,0**	µH	**±20%**
DC-Widerstand (je Wicklg.) / DC-resistance (each wdg.)	**@ 20°**	$R_{DC1,2\ typ}$	**0,080**	Ω	**typ.**
DC-Widerstand (je Wicklg.) / DC-resistance (each wdg.)	**@ 20°**	$R_{DC1,2\ max}$	**0,100**	Ω	**max.**
Nennstrom (je Wicklg.) / rated Current (each wdg.)	**ΔT = 40°C**	I_{N1}, I_{N2}	**2,00**	A	**max.**
Sättigungsstrom (je Wicklg.) / saturation current (each wdg.)	**ΔL/Lo = -10%**	I_{sat}	**4,40**	A	**typ.**
Eigenres.-Frequenz / self-res.-fequency		SRF	**6,0**	MHz	**typ.**
Nennspannung / rated voltage		U_{DC}	**80,0**	V	**max.**

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: 2 SFBW; 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:

Kunde / customer	Würth Elektronik
Datum / date	Unterschrift / signature
Geprüft / checked	Kontrolliert / approved

SST	Version 1	08-10-06
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

Spezifikation für Freigabe / specification for release

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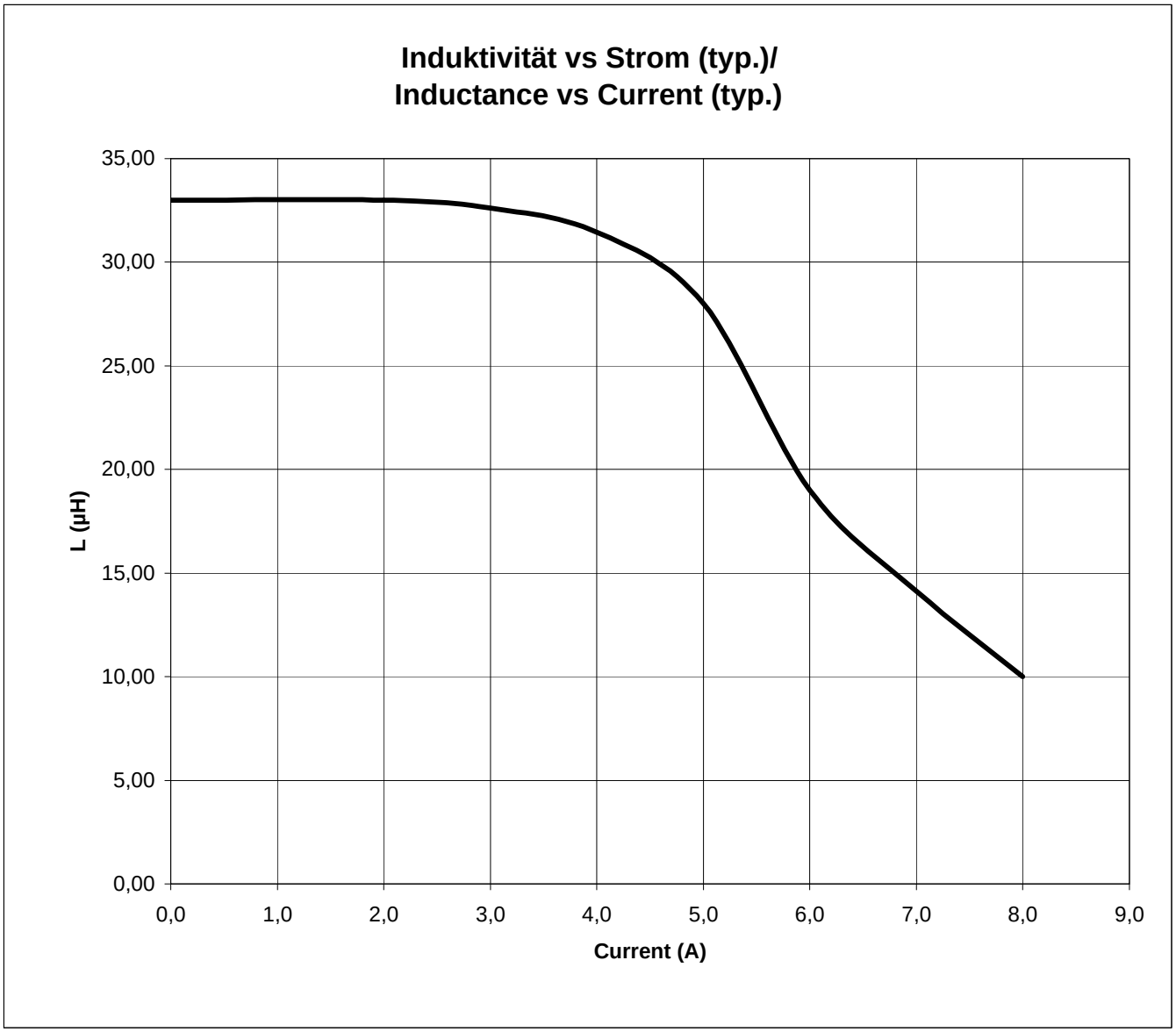
H Induktivitätskurve / Inductance curve:



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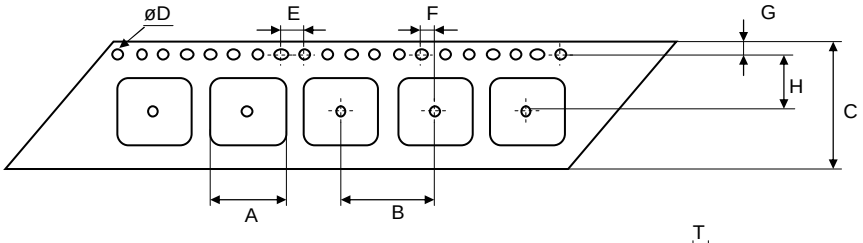
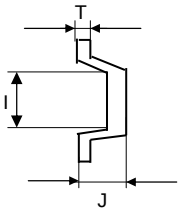
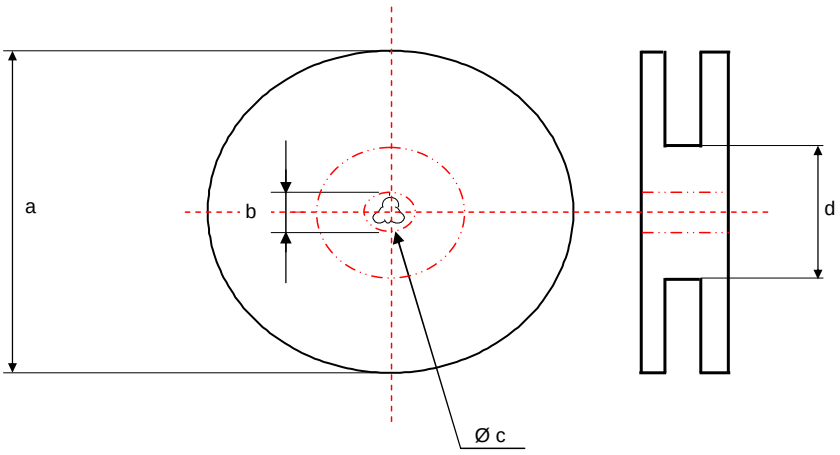
I Rollenspezifikation / tape and reel specification:

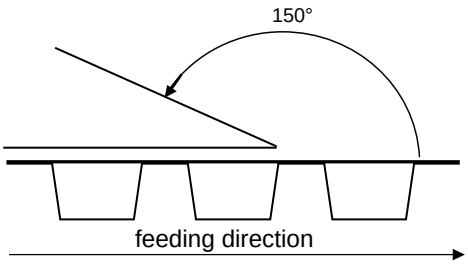




Gurtspezifikation / Tape specification:		
A	**12,9 ± 0,1**	mm
B	**20,0 ± 0,1**	mm
C	**24,0 ± 0,3**	mm
D	**1,50** $^{+0.1}_{-0.0}$	mm
E	**4,00 ± 0,1**	mm
F	**2,00 ± 0,1**	mm
G	**1,75 ± 0,1**	mm
H	**11,5 ± 0,1**	mm
I	**12,3 ± 0,1**	mm
J	**10,85 ± 0,1**	mm
T	**0,40 ± 0,05**	mm



Rollenspezifikation / Reel specification:		
a	**330,0 ± 2,0**	mm
b	**21,00 ± 0,8**	mm
c	**13,00 ± 0,5**	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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