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Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number : **744871220**

Bezeichnung : **DOPPELDROSSEL WE-DD**

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

LF

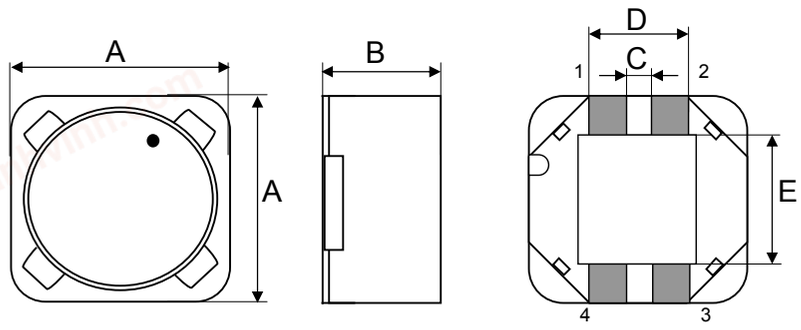
LEAD FREE WÜRTH ELEKTRONIK

RoHS compliant

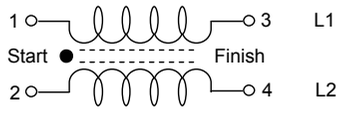
WÜRTH ELEKTRONIK

DATUM / DATE : 2005-03-29

A Mechanische Abmessungen / dimensions:



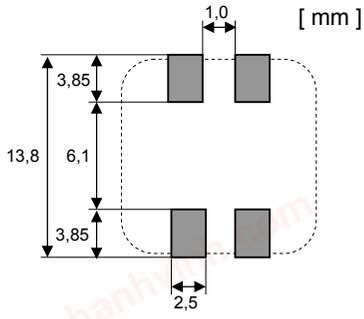
	Typ L	
A	**12,5 max.**	mm
B	**6,5 max**	mm
C	**1,5 ± 0,2**	mm
D	**4,9 ± 0,2**	mm
E	**7,3 ± 0,5**	mm



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	**22,0**	µH	**±20%**
DC-Widerstand (je Wicklg.) / DC-resistance (each wdg)		$R_{DC1,2\ typ}$	**0,067**	Ω	**typ.**
DC-Widerstand (je Wicklg.) / DC-resistance (each wdg)		$R_{DC1,2\ max}$	**0,090**	Ω	**max.**
Nennstrom (je Wicklg.) / rated Current (each wdg.)	**ΔT = 40 K**	I_{N1}, I_{N2}	**1,85**	A	**max.**
Sättigungsstrom (je Wicklg.) / saturation current (each wdg.)	**ΔL/Lo = -10%**	I_{sat}	**3,00**	A	**typ.**
Eigenres.-Frequenz / self-res.-fequency		SRF	**14**	MHz	**typ.**
Nennspannung / rated Voltage		U_{DC}	**80**	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:

Betriebstemperatur / 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				
.....	.....	SST	Version 5	05-03-29
Datum / date	Unterschrift / signature	SST	Version 4	04-10-11
Würth Elektronik		SST	Version 3	04-03-09
		AG	Version 2	03-06-11
.....	.....	AG	Version 1	02-11-23
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

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Kunde / customer :

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Bezeichnung : **DOPPELDROSSEL WE-DD**

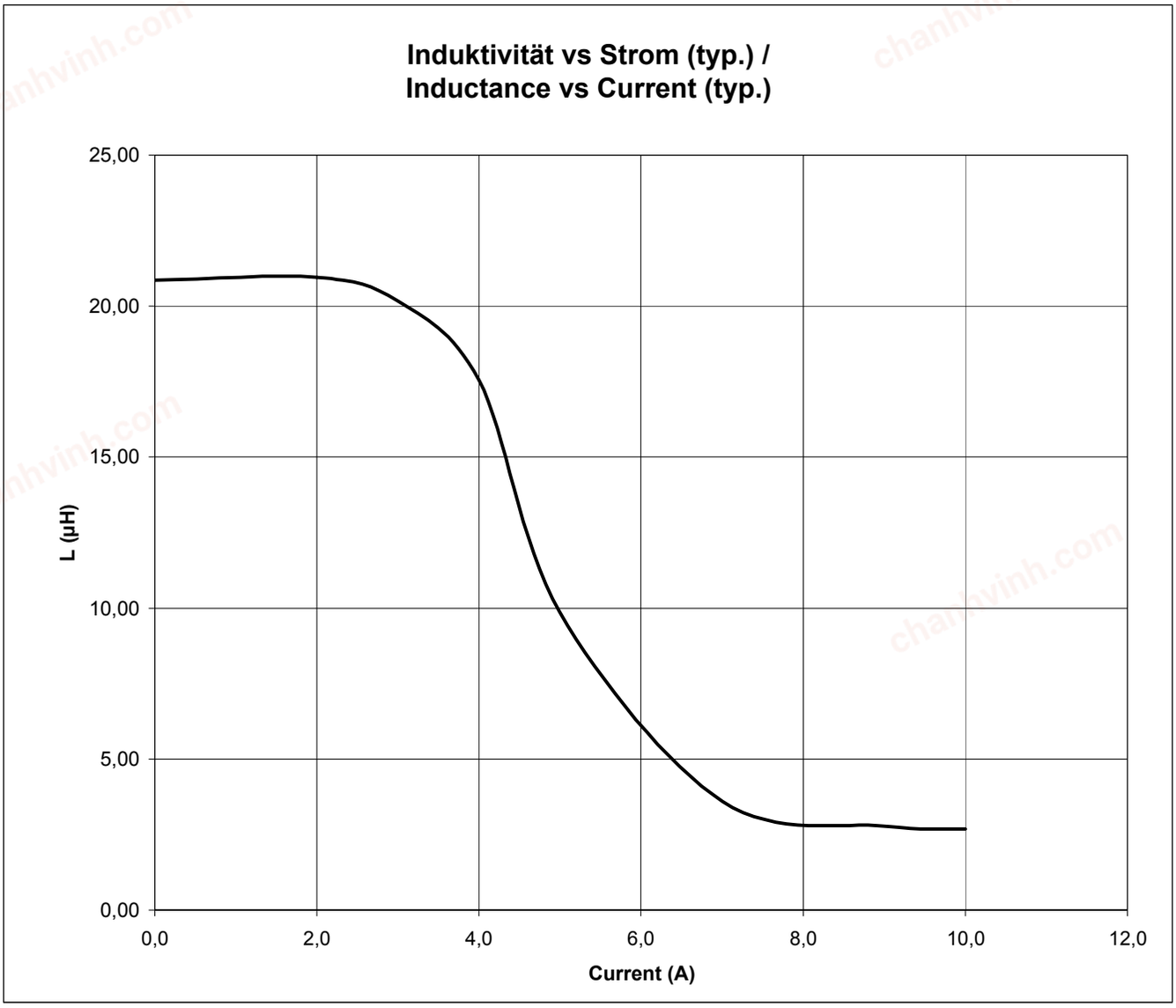
description : **POWER-CHOKE WE-DD**

RoHS compliant

WÜRTH ELEKTRONIK

DATUM / DATE : 2005-03-29

H Induktivitätskurve / Inductance curve:



Freigabe erteilt / general release:	Kunde / customer			
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Datum / date	Unterschrift / signature	SST	Version 4	04-10-11
	Würth Elektronik	SST	Version 3	04-03-09
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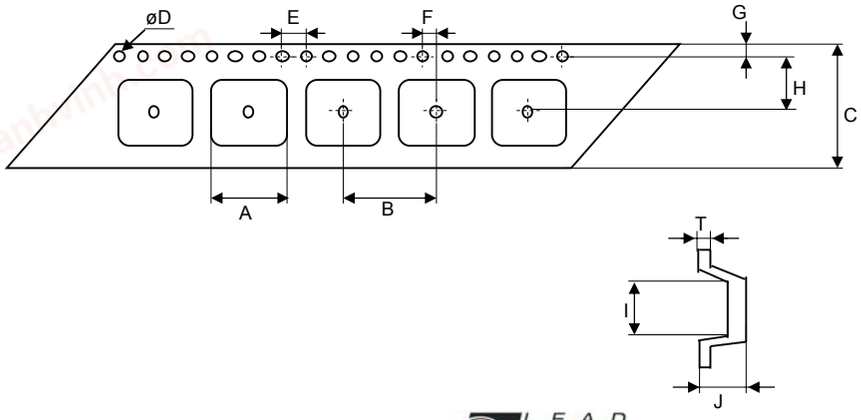
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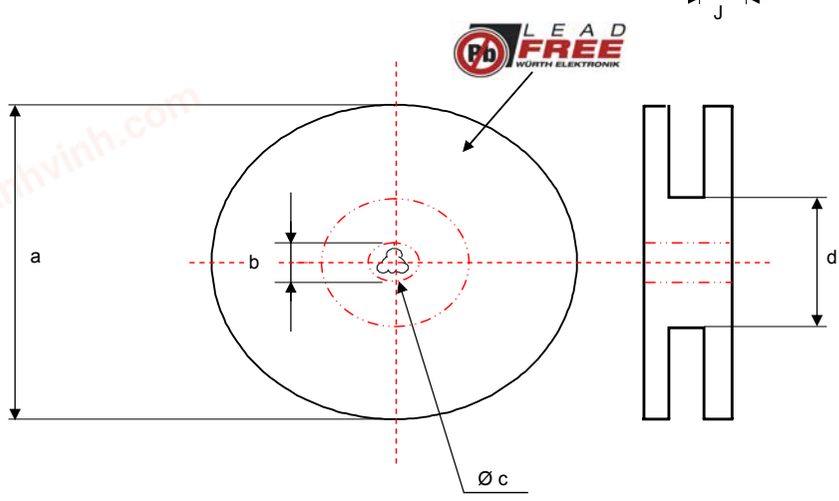
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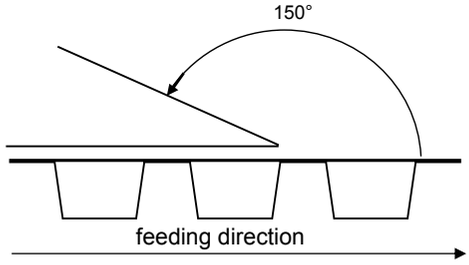
I Rollenspezifikation / tape and reel specification:



Gurtspezifikation / Tape specification:		
A	**12,55 ± 0,1**	mm
B	**16,0 ± 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	**12,55 ± 0,1**	mm
J	**6,60 ± 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

Freigabe erteilt / general release:

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

SST	Version 5	05-03-29
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SST	Version 3	04-03-09
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This electronic component is designed and developed with the intention for use in general electronics equipments. Before incorporating the components into any equipments in the field such as aerospace, aviation, nuclear control, submarine, transportation, (automotive control, train control, ship control), transportation signal, disaster prevention, medical, public information network etc. where higher safety and reliability are especially required or if there is possibility of direct damage or injury to human body. In addition, even electronic component in general electronic equipments, when used in electrical circuits that require high safety, reliability functions or performance, the sufficient reliability evaluation-check for the safety must be performed before use. It is essential to give consideration when to install a protective circuit at the design stage.

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