

# Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number : **744871330**

Bezeichnung : **DOPPELDROSSEL WE-DD**

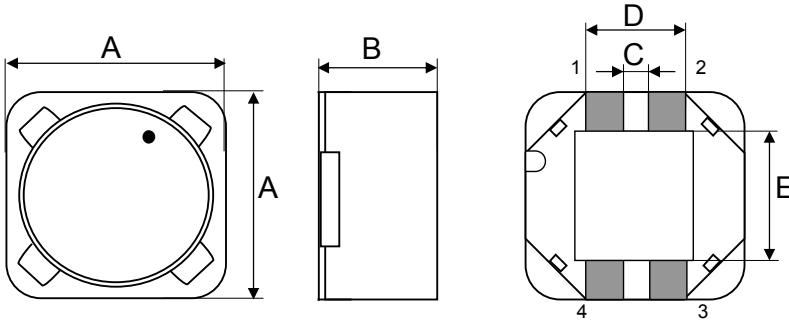
description : **POWER-CHOKE WE-DD**

LF

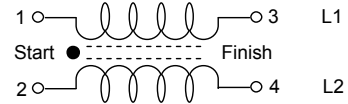


DATUM / DATE : 2005-03-29

## A Mechanische Abmessungen / dimensions:



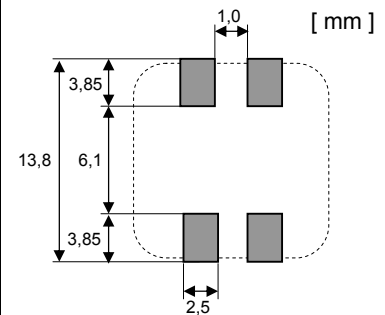
	Typ L	
A	<b>12,5 max.</b>	mm
B	<b>6,5 max</b>	mm
C	<b>1,5 ± 0,2</b>	mm
D	<b>4,9 ± 0,2</b>	mm
E	<b>7,3 ± 0,5</b>	mm



## B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Induktivität (je Wicklg.) / inductance (each wdg.)	<b>1 kHz / 0,25V</b>	$L_1, L_2$	<b>33,0</b>	$\mu\text{H}$	<b>±20%</b>
DC-Widerstand (je Wicklg.) / DC-resistance (each wdg)		$R_{DC1,2 \text{ typ}}$	<b>0,125</b>	$\Omega$	<b>typ.</b>
DC-Widerstand (je Wicklg.) / DC-resistance (each wdg)		$R_{DC1,2 \text{ max}}$	<b>0,170</b>	$\Omega$	<b>max.</b>
Nennstrom (je Wicklg.) / rated Current (each wdg.)	<b><math>\Delta T = 40 \text{ K}</math></b>	$I_{N1}, I_{N2}$	<b>1,20</b>	A	<b>max.</b>
Sättigungsstrom (je Wicklg.) / saturation current (each wdg.)	<b><math>\Delta L/L_0 = -10\%</math></b>	$I_{\text{sat}}$	<b>2,80</b>	A	<b>typ.</b>
Eigenres.-Frequenz / self-res.-frequency		SRF	<b>6</b>	MHz	<b>typ.</b>
Nennspannung / rated Voltage		$U_{DC}$	<b>80</b>	V	<b>max.</b>

## C Lötpad / soldering spec.:



## D Prüfgeräte / test equipment:

**HP 4274 A** für/for L und/and Q  
**HP 34401 A** für/for  $R_{DC}$  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			
	.....	.....	.....	.....
Datum / date	Unterschrift / signature			
.....	.....			
Geprüft / checked	Würth Elektronik			
	.....	SST	Version 5	05-03-29
	.....	MST	Version 4	04-10-11
	.....	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

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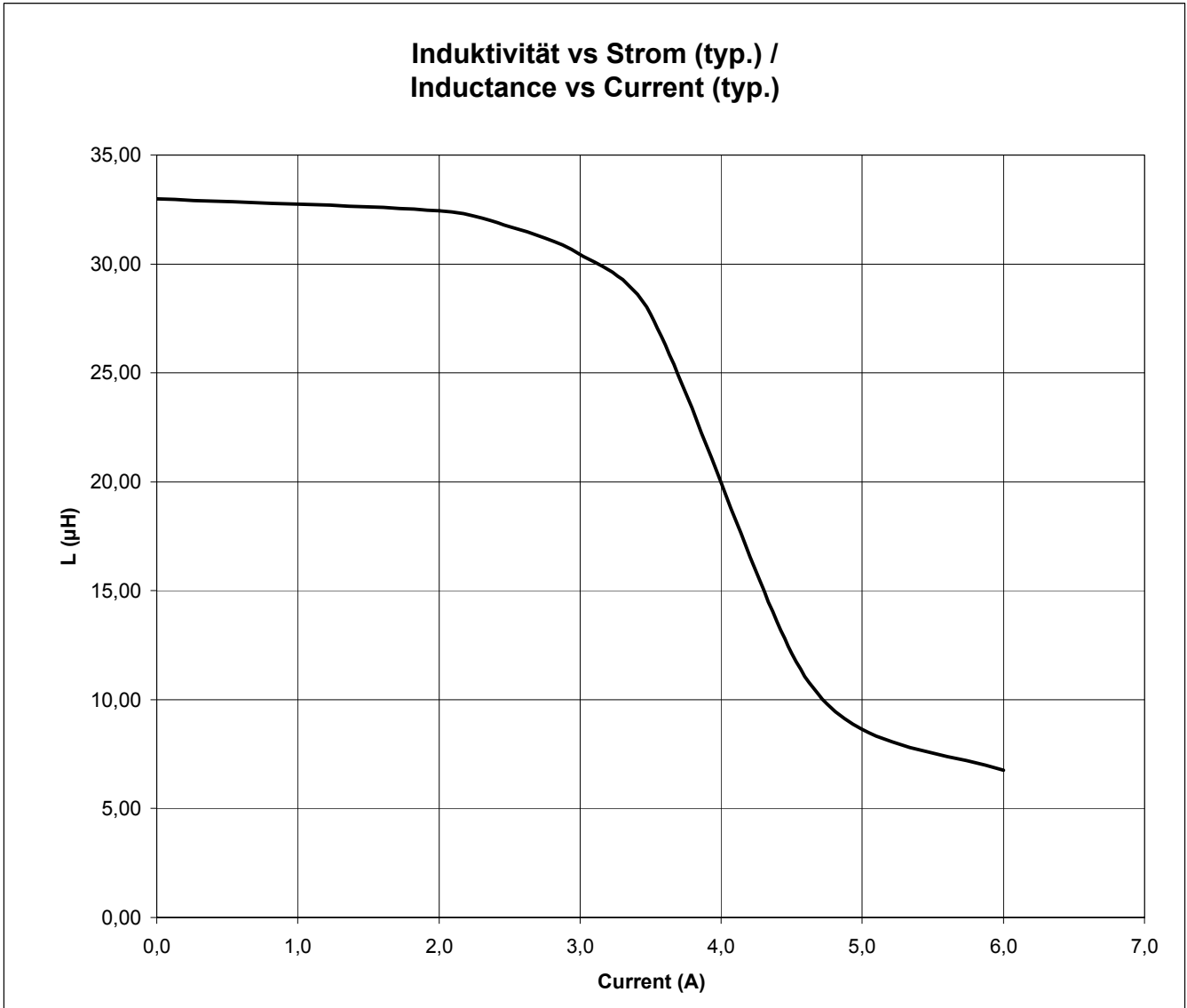
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## H Induktivitätskurve / Inductance curve:



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