

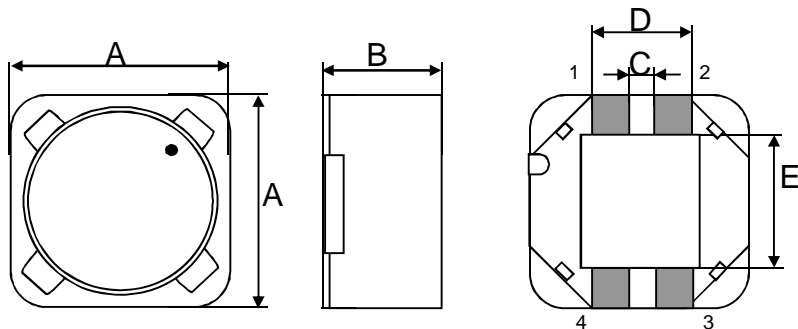
Spezifikation für Freigabe / specification for release

Kunde / customer :
 Artikelnummer / part number : **744874001**
 Bezeichnung : **DOPPELDROSSEL WE-DD**
 description : **POWER-CHOKE WE-DD**

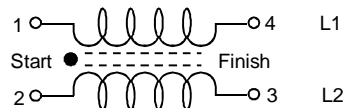


DATUM / DATE : 2009-11-01

A Mechanische Abmessungen / dimensions:



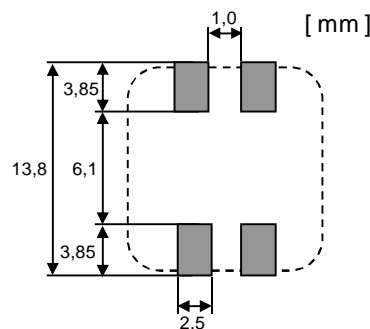
Typ L		
A	12,5 max.	mm
B	6,5 max	mm
C	1,5 ± 0,2	mm
D	4,9 ± 0,2	mm
E	7,3 ± 0,5	mm



B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Induktivität (je Wicklg.) / inductance (each wdg.)	100 kHz / 5mA	L_1, L_2	1,5	μH	±30%
DC-Widerstand (je Wicklg.) / DC-resistance (each wdg.)	@ 20°	$R_{DC1,2 \text{ typ}}$	12,0	$\text{m}\Omega$	typ.
DC-Widerstand (je Wicklg.) / DC-resistance (each wdg.)	@ 20°	$R_{DC1,2 \text{ max}}$	16,0	$\text{m}\Omega$	max.
Nennstrom (je Wicklg.) ⁽¹⁾ / rated Current (each wdg.) ⁽¹⁾	$\Delta T = 40 \text{ K}$	I_{N1}, I_{N2}	5,85	A	max.
Sättigungsstrom (je Wicklg.) / saturation current (each wdg.)	$\Delta L/L_0 = -10\%$	I_{sat}	14,00	A	typ.
Eigenres.-Frequenz ⁽²⁾ / self-res.-frequency ⁽²⁾		SRF	70	MHz	typ.
Nennspannung / rated Voltage		U_{DC}	80	V	max.

C Lötpad / soldering spec.:



⁽¹⁾ both windings driven by rated current will occur ΔT /
 Stromfluss durch beide Wicklungen verursachen ΔT

⁽²⁾ both windings in parallel /
 beide Wicklungen parallel

D Prüfgeräte / test equipment:

WK 3260B für/for L und/and I_{DC}
GMC Metrahit 271 für/for R_{DC}
HP E4991A für/for SRF

E Testbedingungen / test conditions:

Luftfeuchtigkeit / humidity: 33%
 Umgebungstemperatur / temperature: +20°C

F Werkstoffe & Zulassungen / material & approvals:

Basismaterial / base material: Ferrit/ ferrite
 Draht / wire: 2 SFHW; 180°C
 UL-File Number: E174837

G Eigenschaften / general specifications:

Betriebstemperatur / operating temperature: -40°C - + 125°C
 Umgebungtemp. / 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		
	OO	Version 1	09-11-01
	Name	Änderung / modification	Datum / date

Würth Elektronik eiSos GmbH & Co.KG

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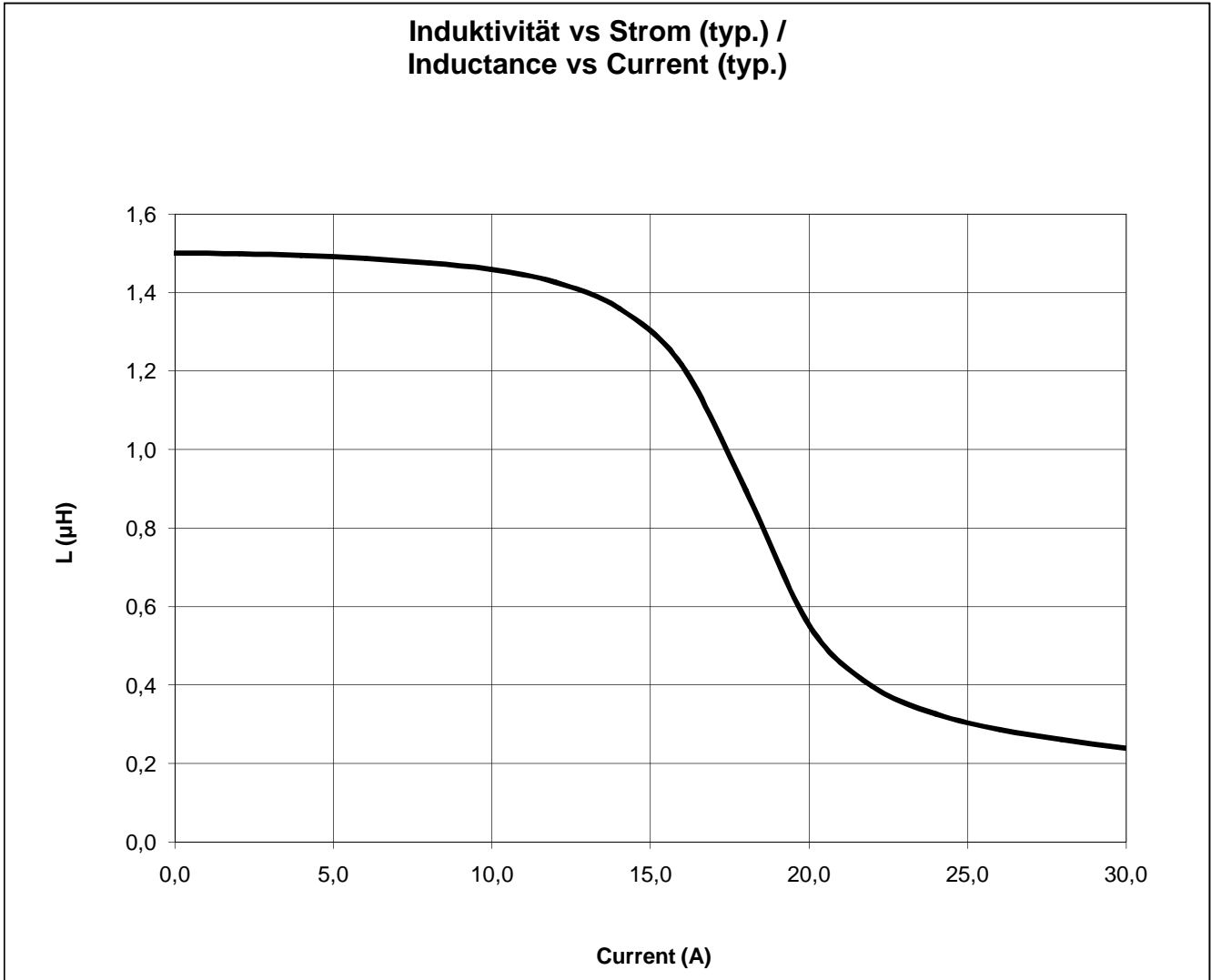
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H Induktivitätskurve / Inductance curve:



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.....			
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