

Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number :

744878100

LF



Bezeichnung :

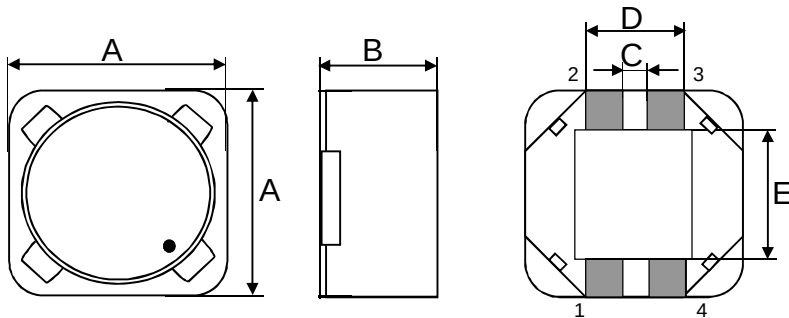
DOPPELDROSSEL WE-DD

description :

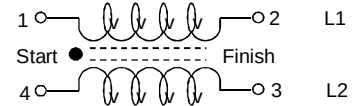
POWER-CHOKE WE-DD

DATUM / DATE : 2010-06-29

A Mechanische Abmessungen / dimensions :



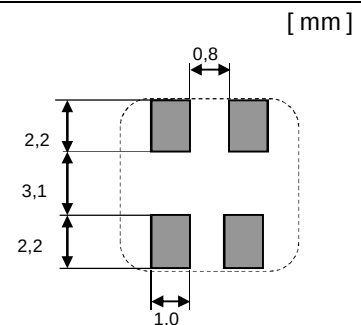
	Typ S	
A	7,3 ± 0,4	mm
B	4,0 max.	mm
C	1,0 ± 0,1	mm
D	2,7 ± 0,1	mm
E	4,0 ± 0,2	mm
F		mm



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	10,0	μH	±20%
DC-Widerstand (je Wicklg.) / DC-resistance (each wdg.)	@ 20°	R _{DC1,2}	0,140	Ω	typ.
DC-Widerstand (je Wicklg.) / DC-resistance (each wdg.)	@ 20°	R _{DC1,2}	0,165	Ω	max.
Nennstrom (je Wicklg.) / rated Current (each wdg.)	ΔT = 40 K	I _{N1} , I _{N2}	1,00	A	max.
Sättigungsstrom (je Wicklg.) / saturation current (each wdg.)	ΔL/L < 10%	I _{sat}	2,00	A	max.
Eigenres.-Frequenz / self-res.-frequency		SRF	30	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 :

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	OO	Version 8	10-06-29
		SST	Version 7	05-05-23
		SST	Version 6	05-03-29
		MST	Version 5	04-10-11
		MST	Version 4	04-04-27
		SST	Version 3	04-03-12
		AG	Version 2	03-06-11
		AG	Version 1	02-10-30
		Name	Änderung / modification	Datum / date
Datum / date	Unterschrift / signature			
	Würth Elektronik			
Geprüft / checked	Kontrolliert / approved			

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
http://www.we-online.com

Spezifikation für Freigabe / specification for release

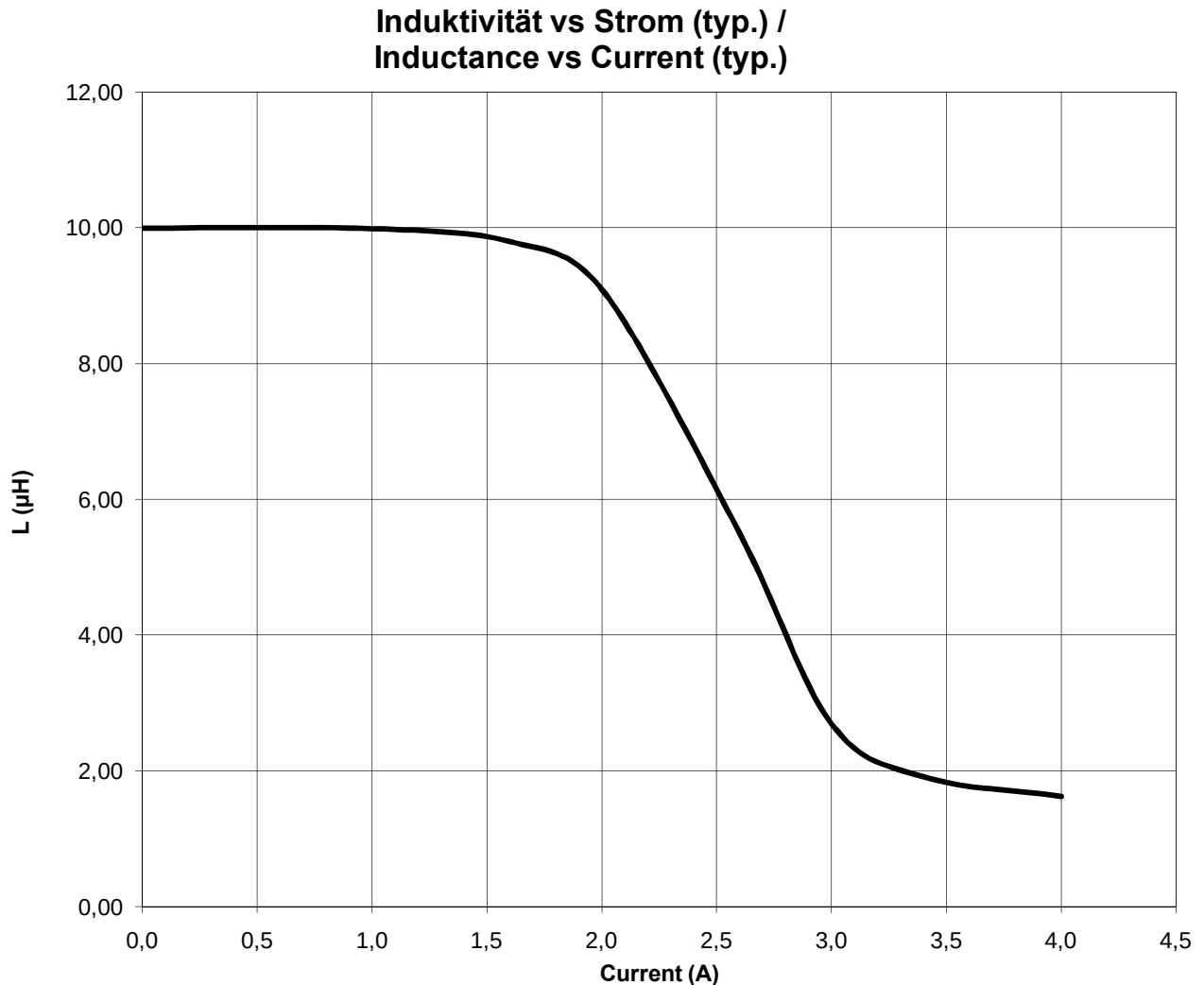
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H Induktivitätskurve / Inductance curve:



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DOPPELDROSSEL WE-DD

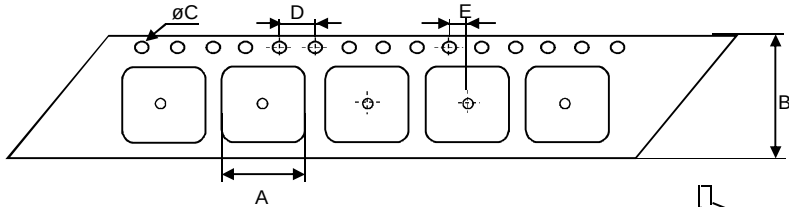
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POWER-CHOKE WE-DD

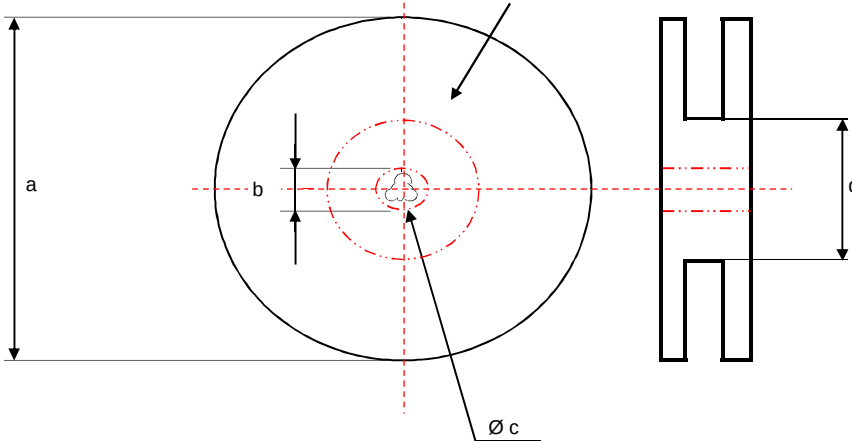
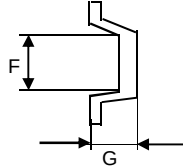
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I Rollenspezifikation / tape and reel specification:

Gurtspezifikation / Tape specification:

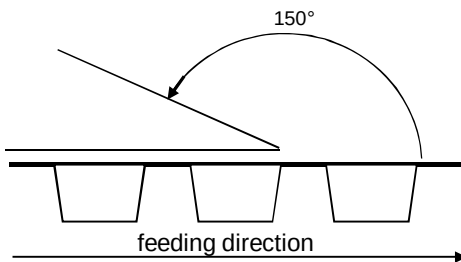


A	9,00 ± 0,1	mm
B	16,0 ± 0,2	mm
C	1,50 ± 0,1 - 0,0	mm
D	4,00 ± 0,1	mm
E	2,00 ± 0,1	mm
F	9,00 ± 0,1	mm
G	3,50 ± 0,1	mm



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

OO

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10-06-29

SST

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05-05-23

SST

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05-03-29

MST

Version 5

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MST

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SST

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AG

Version 2

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AG

Version 1

02-10-30

Name

Änderung / modification

Datum / date

Datum / date

Unterschrift / signature

Würth Elektronik

Geprüft / checked

Kontrolliert / approved

This electronic component has been designed and developed for usage in general electronic equipment. Before incorporating this component into any equipment where higher safety and reliability is especially required or if there is the possibility of direct damage or injury to human body, for example in the range of aerospace, aviation, nuclear control, submarine, transportation, (automotive control, train control, ship control), transportation signal, disaster prevention, medical, public information network etc, Würth Elektronik eiSos GmbH must be informed before the design-in stage. In addition, sufficient reliability evaluation checks for safety must be performed on every electronic component which is used in electrical circuits that require high safety and reliability functions or performance.

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