Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number : **7447798910**

Bezeichnung : **SPEICHERDROSSEL WE-PDF**

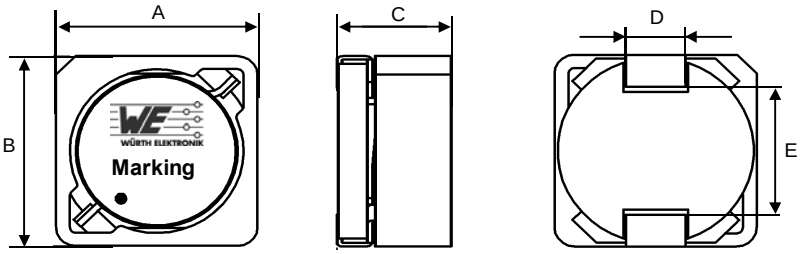
description : **POWER-CHOKE WE-PDF**

compliant RoHS WÜRTH ELEKTRONIK

WÜRTH ELEKTRONIK

DATUM / DATE : 2009-12-01

A Mechanische Abmessungen / dimensions :



● Start of winding

Marking = Inductance code

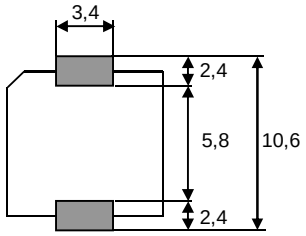
	size 1064	
A	**10,2 ± 0,3**	mm
B	**10,2 ± 0,3**	mm
C	**6,4 max.**	mm
D	**3,0 ± 0,2**	mm
E	**6,8 ± 0,5**	mm

B Elektrische Eigenschaften / electrical properties :

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Induktivität / inductance	**100 kHz / 5mA**	L	**9,10**	µH	**±30%**
DC-Widerstand / DC-resistance	**@ 20°C / 1A**	$R_{DC\ typ}$	**17,2**	mΩ	**typ.**
DC-Widerstand / DC-resistance	**@ 20°C / 1A**	$R_{DC\ max}$	**19,4**	mΩ	**max.**
Nennstrom / rated current	**ΔT=40 K**	I_{DC}	**6,20**	A	**typ.**
Sättigungsstrom / saturation current	**|ΔL/L|<10%**	I_{sat}	**5,60**	A	**typ.**
Eigenres.-Frequenz / self-res.-fequency		SRF	**30,0**	MHz	**typ.**

C Lötpad / soldering spec. :

[mm]



D Prüfgeräte / test equipment :

WK 3260B für/for L und/and I_{DC}

GMC Metrahit 27I 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
Endoberfläche / finishing electrode:	100% Sn
Draht / wire:	SFT-EI / AIWJ
UL-File Number:	E318511

G Eigenschaften / general specifications :

Betriebstemp. / operating temperature: -40°C - +150°C

Umgebungstemp. / ambient temperature: -40°C - +110°C

It is recommended that the temperature of the part does not exceed 150°C under worst case operating conditions.

Freigabe erteilt / general release:

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

OO	Version 1	09-12-01
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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Spezifikation für Freigabe / specification for release

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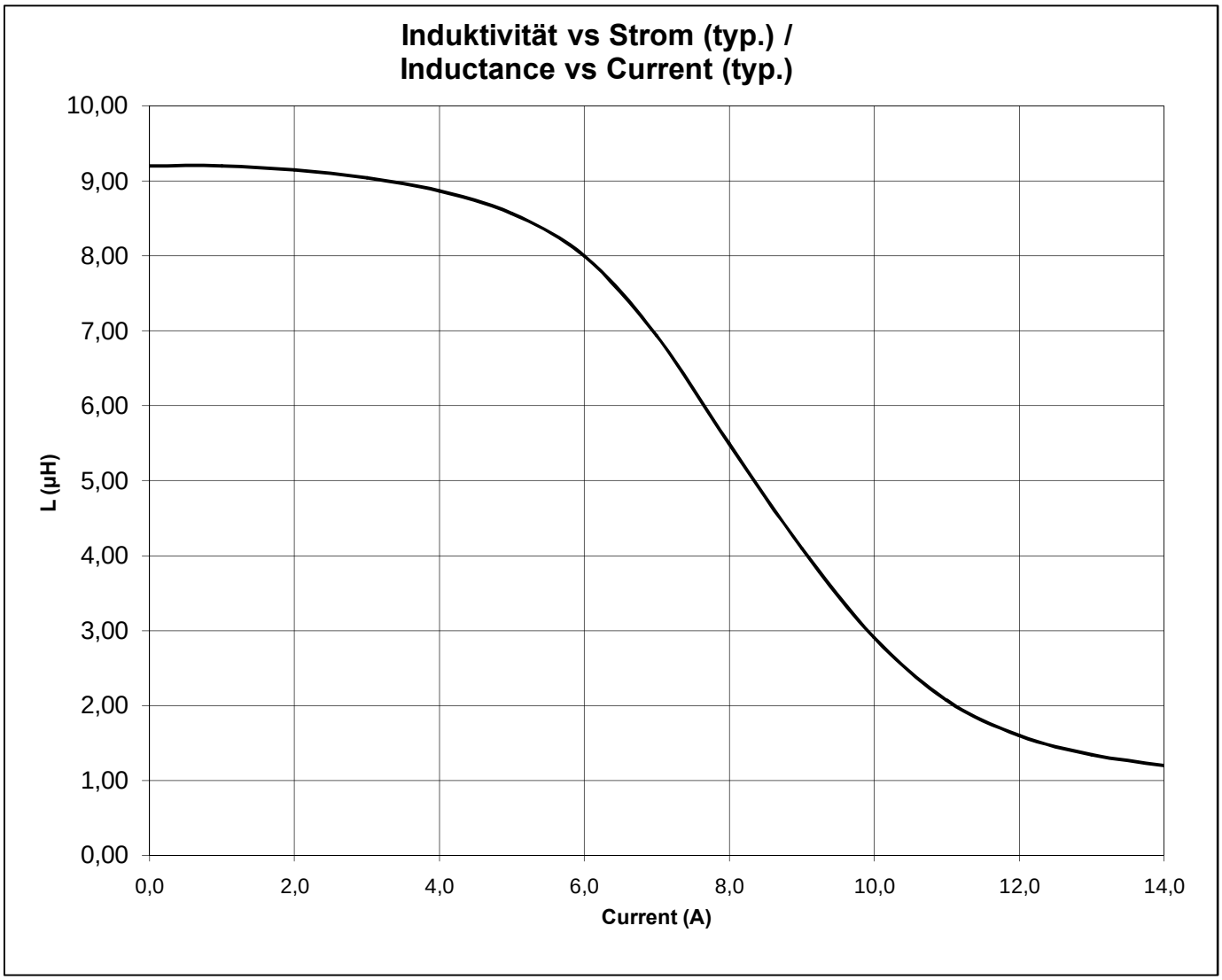
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H Induktivitätskurve / Inductance curve :



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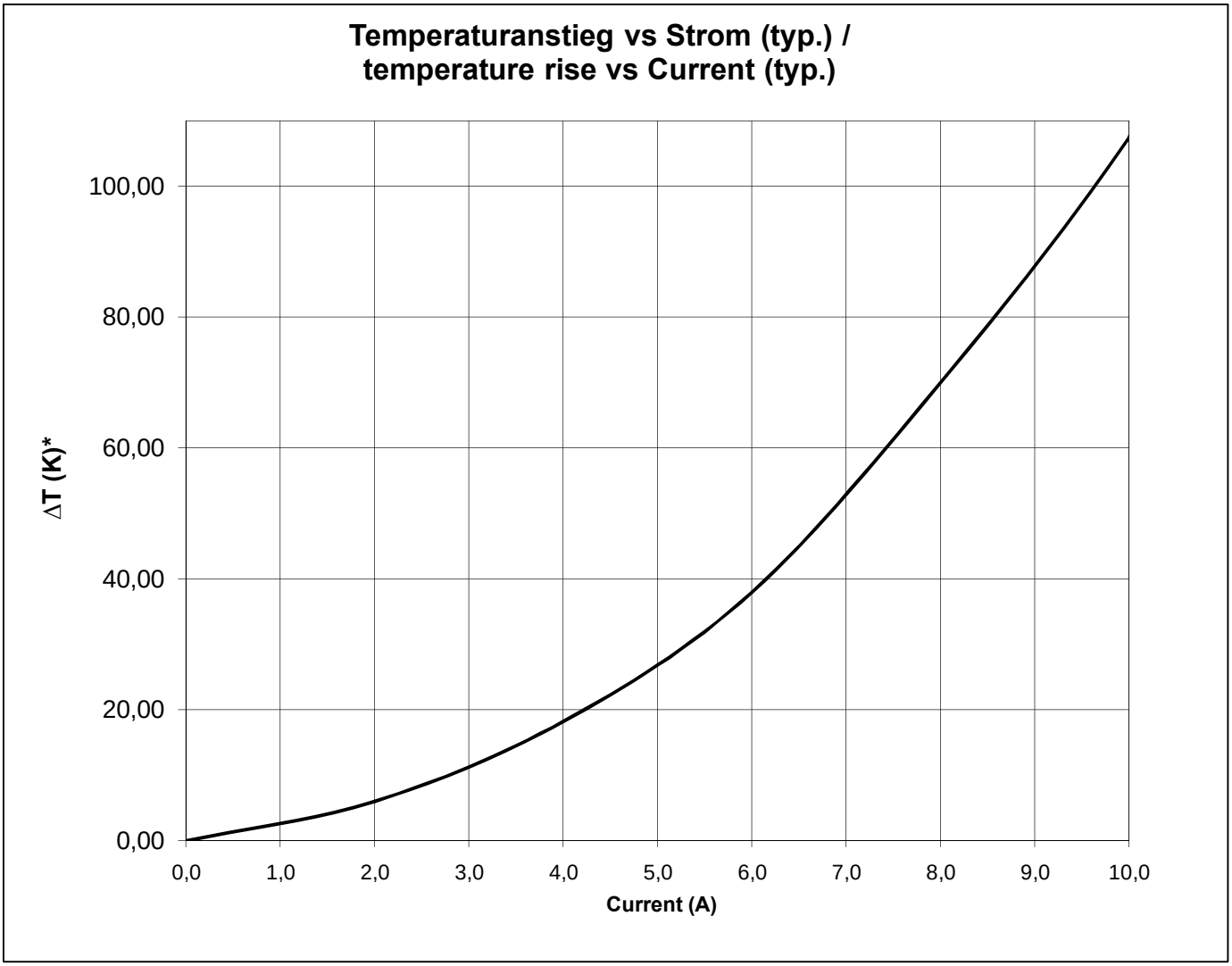
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I Induktivitäts-Temperatur-Kurve / Inductance Temperature curve :



*Temperatur gemessen an Bauteiloberfläche / temperature measured at surface of component

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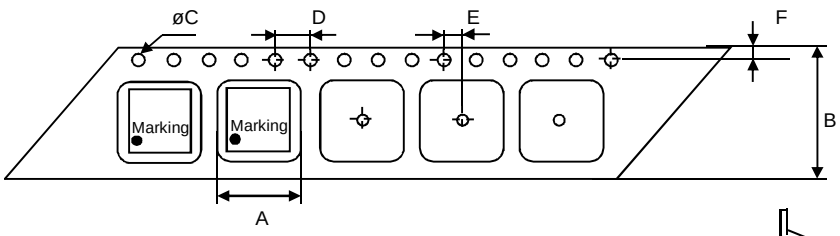
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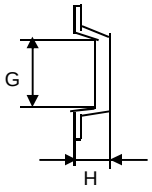
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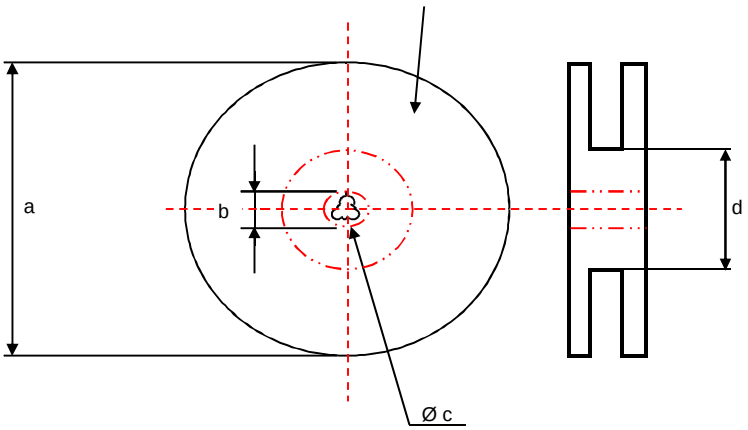
description : **POWER-CHOKE WE-PDF**

DATUM / DATE : 2009-12-01

K Rollenspezifikation / tape and reel specification :

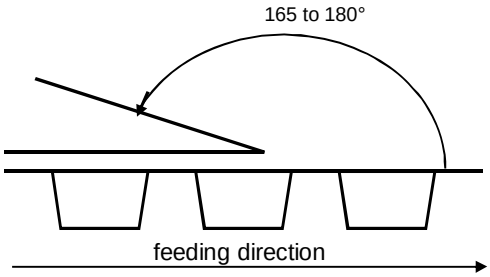






Gurtspezifikation / Tape specification:		
A	**10,45 ± 0,1**	mm
B	**24,00 ± 0,3**	mm
C	**1,55 ± 0,05**	mm
D	**4,00 ± 0,1**	mm
E	**2,00 ± 0,1**	mm
F	**1,75 ± 0,1**	mm
G	**10,45 ± 0,1**	mm
H	**6,60 ± 0,1**	mm

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
10 to 130 grams in arrow direction

Freigabe erteilt / general release:

Kunde / customer				
Datum / date	Unterschrift / signature			
Würth Elektronik				
		OO	Version 1	09-12-01
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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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