Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number : **7443556190**

Bezeichnung : **SPEICHERDROSSEL WE-HCB**

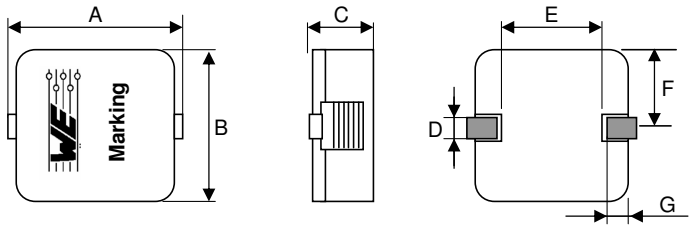
description : **POWER-CHOKE WE-HCB**

compliant RoHS WÜRTH ELEKTRONIK

WÜRTH ELEKTRONIK

DATUM / DATE : 2008-05-28

A Mechanische Abmessungen / dimensions:



A	**18,3 ± 1,0**	mm
B	**18,2 ± 0,5**	mm
C	**8,9 ± 0,3**	mm
D	**4,2 ± 0,5**	mm
E	**8,0 ± 1,0**	mm
F	**9,0 ± 1,0**	mm
G	**5,0 ± 1,0**	mm

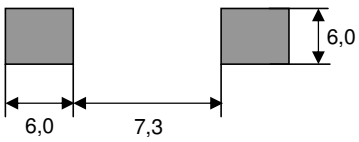
Marking = part number

B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Leerlaufinduktivität/ initial inductance	**100 kHz / 10mA**	L_0	**1,90**	µH	**± 20%**
DC-Widerstand / DC-resistance	**@ 20°C**	R_{DC}	**1,20**	mΩ	**± 8%**
Nennstrom / rated current	**ΔT= 50 K**	I_N	**32,5**	A	**typ.**
Sättigungsstrom/ saturation current	**ΔL/L$_0$= 30 %**	I_{sat}	**52**	A	**typ.**
Eigenres.-Frequenz self-res.-frequency		SRF	**51**	MHz	**typ.**

C Lötpad / soldering spec.:

[mm]



D Prüfgeräte / test equipment:

WAYNE KERR 3260B für/for L_0; R_{DC}; I_{SAT}; I_N

E Testbedingungen / test conditions:

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

F Werkstoffe & Zulassungen / material & approvals:

Basismaterial / base material:	WE-Perm2
Draht / wire:	Polyamide/Imid coating

G Eigenschaften / general specifications:

Arbeitstemperatur / operating temperature: -40°C - +125°C

Umgebungstemp. / ambient temperature: -40°C - +75°C

It is recommended that the temperature of the part does not exceed 125°C under worst case operating conditions.

When exposed to shock and vibration stress, it is recommended to fix the device by seperate means (such as glue, fasteners, etc).

Freigabe erteilt / general release:

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

Rst	Version 2	08-02-28
Rst	Version 1	08-02-18
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

http://www.we-online.de

Spezifikation für Freigabe / specification for release

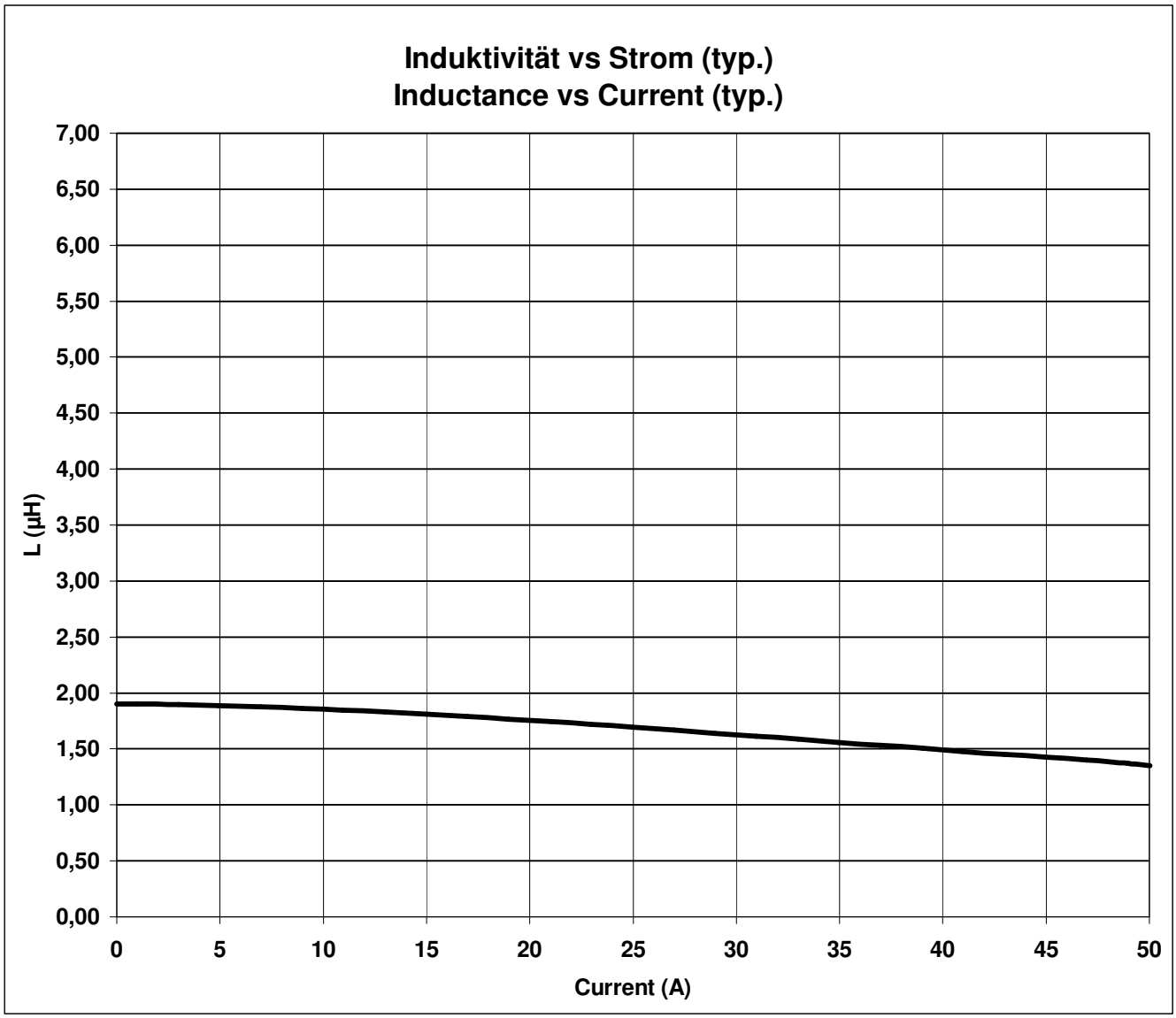
Kunde / customer :
Artikelnummer / part number : **7443556190**
Bezeichnung : **SPEICHERDROSSEL WE-HCB**
description : **POWER-CHOKE WE-HCB**

compliant RoHS WÜRTH ELEKTRONIK

WÜRTH ELEKTRONIK

DATUM / DATE : 2008-05-28

H Induktivitätskurve / Inductance curve:



Freigabe erteilt / general release:	**Kunde / customer**			
Datum / date	Unterschrift / signature			
	Würth Elektronik			
		Rst	Version 2	08-02-28
		Rst	Version 1	08-02-18
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
http://www.we-online.de

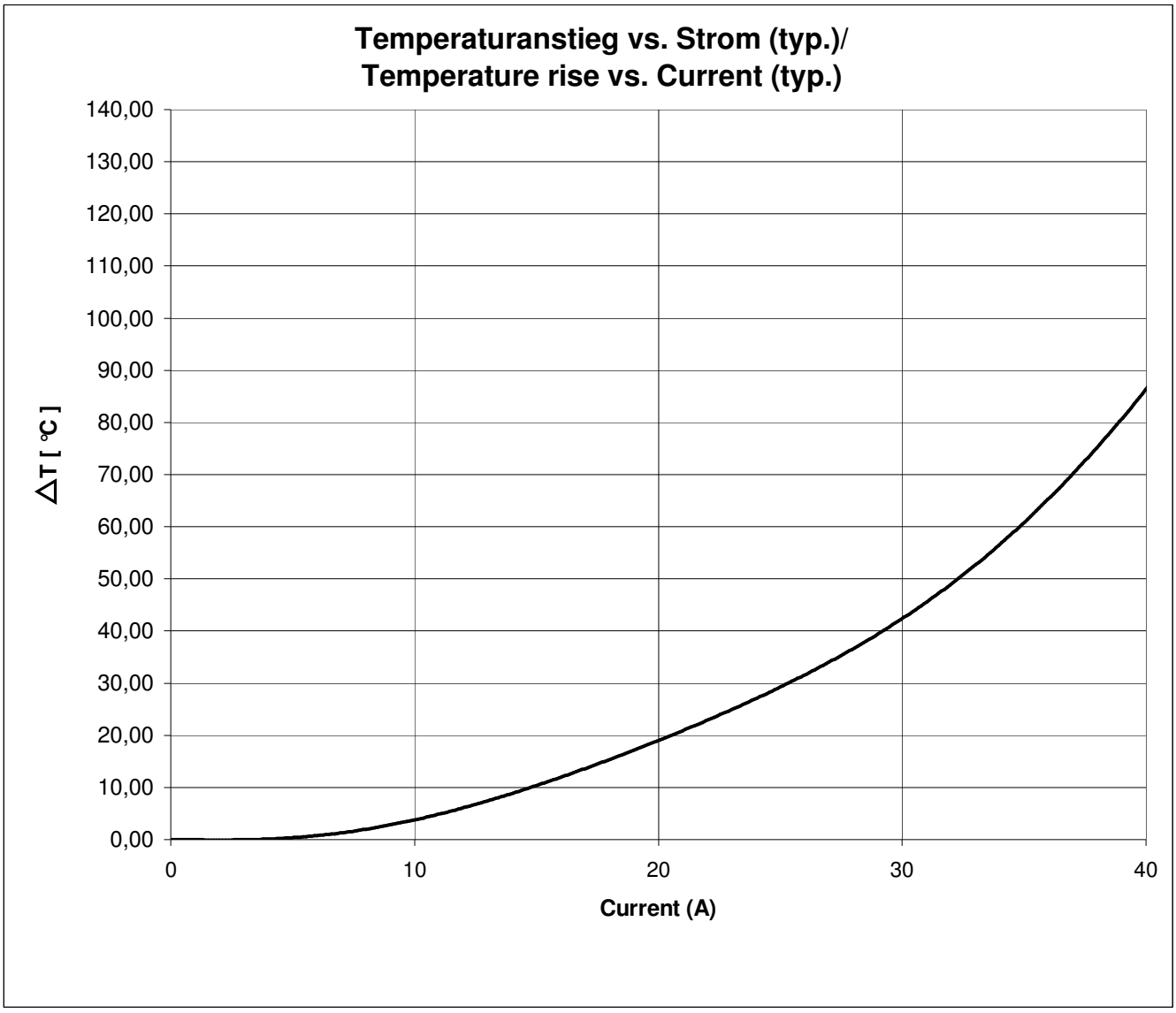
Spezifikation für Freigabe / specification for release

Kunde / customer :
Artikelnummer / part number : **7443556190**
Bezeichnung : **SPEICHERDROSSEL WE-HCB**
description : **POWER-CHOKE WE-HCB**

WÜRTH ELEKTRONIK

DATUM / DATE : 2008-05-28

I Temperaturanstieg / Temperature rise curve:



Freigabe erteilt / general release:	**Kunde / customer**			
Datum / date	Unterschrift / signature			
	Würth Elektronik			
		Rst	Version 2	08-02-28
		Rst	Version 1	08-02-18
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
http://www.we-online.de

Spezifikation für Freigabe / specification for release

Kunde / customer :

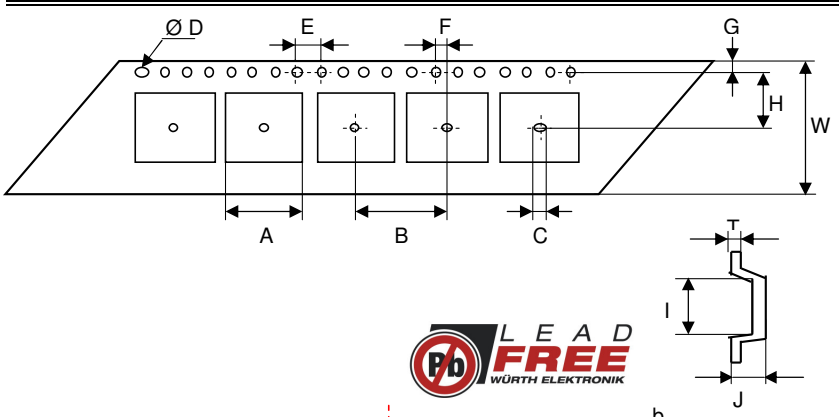
Artikelnummer / part number : **7443556190**

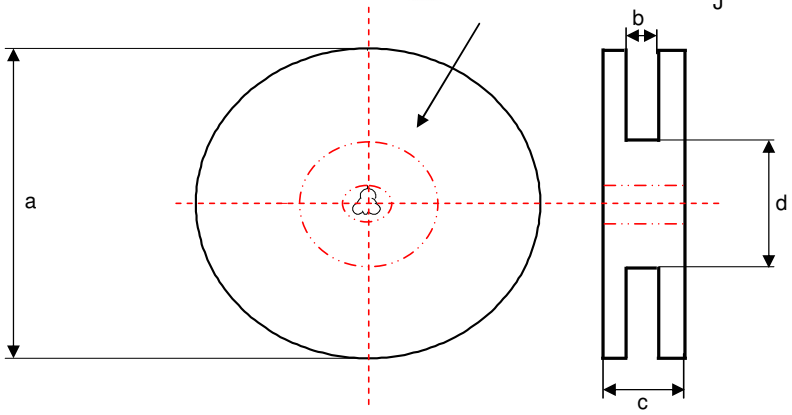
Bezeichnung : **SPEICHERDROSSEL WE-HCB**

description : **POWER-CHOKE WE-HCB**

DATUM / DATE : 2008-05-28

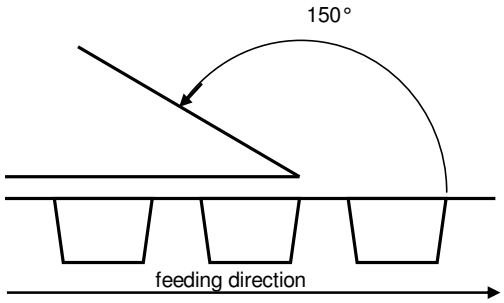
I Rollenspezifikation / tape and reel specification:





Gurtspezifikation / Tape specification:		
A	**19,3 ± 0,15**	mm
B	**32,0 ± 0,1**	mm
C	**2,00 typ**	mm
D	**1,50 min**	mm
E	**4,00 ± 0,1**	mm
F	**2,00 ± 0,1**	mm
G	**1,75 ± 0,1**	mm
H	**14,2 ± 0,1**	mm
I	**18,65 ± 0,15**	mm
J	**10,50 ± 0,15**	mm
T	**0,40 ± 0,05**	mm
W	**32,0 ± 0,3**	mm

Rollenspezifikation / Reel specification:		
a	**330,0 ± 2,0**	mm
b	**32,5 ± 0,8**	mm
c	**37,5 ± 0,5**	mm
d	**100,0 ± 1,5**	mm



The Force for tearing off cover tape is
20 to 70 grams in arrow direction

Freigabe erteilt / general release:

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

Rst	Version 2	
Rst	Version 1	08-02-18
Name	**Änderung / modification**	Datum / date

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.

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