

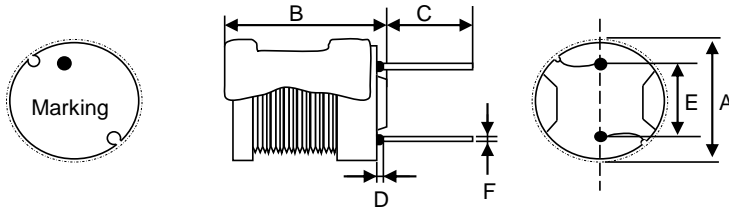
Spezifikation für Freigabe / specification for release

Kunde / customer : _____
 Artikelnummer / part number : **7447452472**
 Bezeichnung : **Tonneninduktivität WE-TI**
 description : **Filter Choke WE-TI**



DATUM / DATE : 2010-10-15

A Mechanische Abmessungen / dimensions:



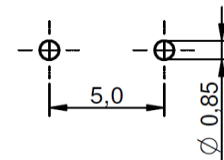
	Type "LH"	
A	9,5 max.	mm
B	13,5 max.	mm
C	3,5 ± 0,5	mm
D	2,0 max.	mm
E	5,0 ± 0,5	mm
F	∅ 0,65 ref	mm

● = Start of winding Marking = Inductance code

B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Leerlauf-Induktivität / inductance	1 kHz / 5 mA	L ₀	4700	μH	±10%
DC-Widerstand / DC-resistance	@20°C	R _{DC typ.}	6,100	Ω	typ.
DC-Widerstand / DC-resistance	@20°C	R _{DC max.}	7,000	Ω	max.
Nennstrom / nominal current	ΔT=40 K	I _N	230	mA	max.
Sättigungsstrom / saturating current	 ΔL/L₀ -10%	I _{sat}	200	mA	typ.
Eigenres.-Frequenz / self-res.-frequency		SRF	0,55	MHz	typ.

C Lötpad / soldering spec.:



D Prüfgeräte / test equipment:

Wayne Kerr 3260B für/for L₀, I_{sat}
GMC Metrahit 271 Milliohmmer für/for R_{DC}
Dostmann T900 Thermometer für/for I_{DC}

E Testbedingungen / test conditions:

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

F Werkstoffe & Zulassungen / material & approvals

Basismaterial / base material: Ferrit/ferrite
 Draht / wire: Class F
 shrink tube: Polyoefine

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		
Datum / date	Unterschrift / signature		
	Würth Elektronik		
Geprüft / checked	Kontrolliert / approved		
	CZ	Version 1	10-10-15
	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.com>

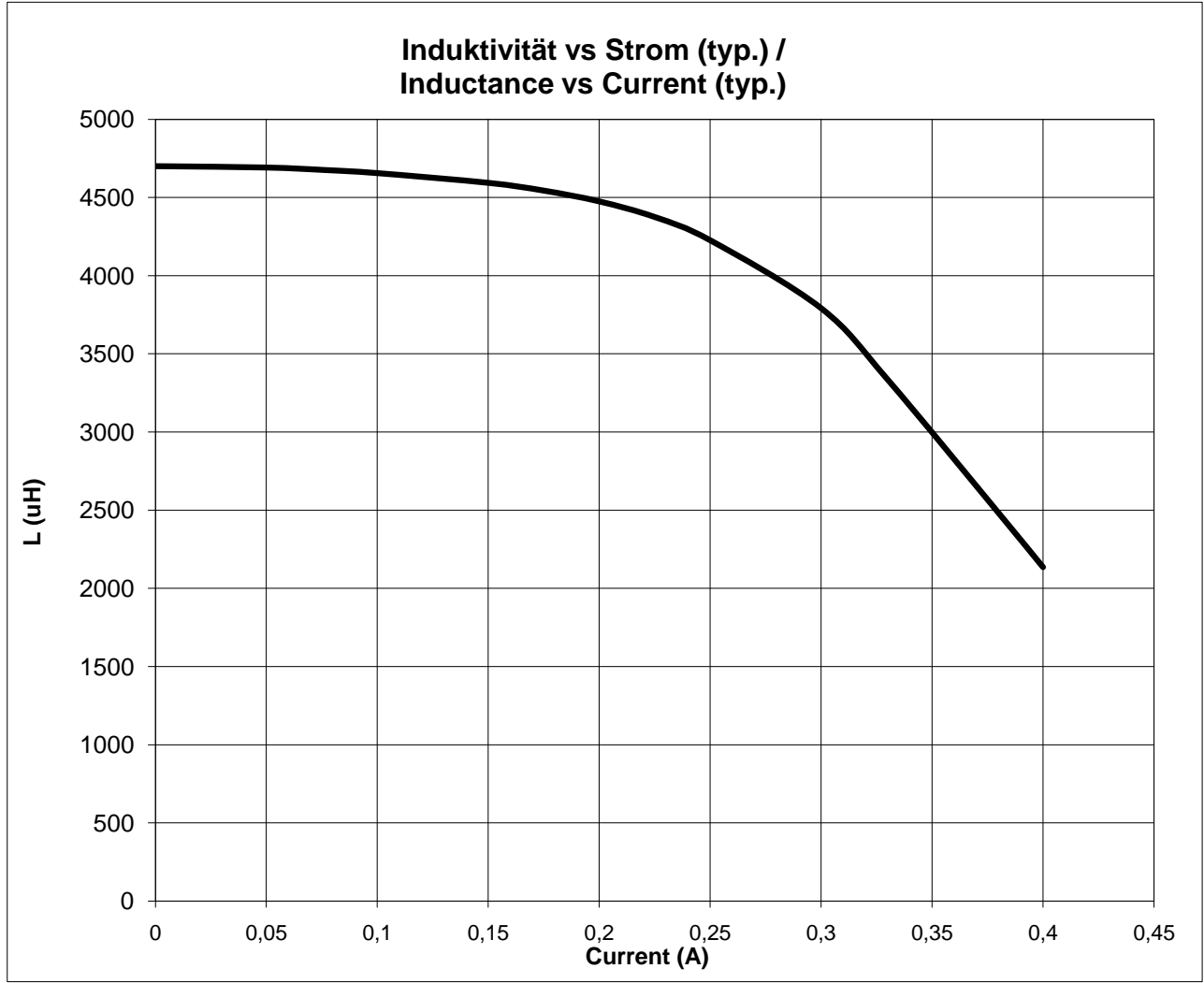
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H Induktivitätskurve / Inductance curve :



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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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