

Spezifikation für Freigabe / specification for release

Kunde / customer : _____

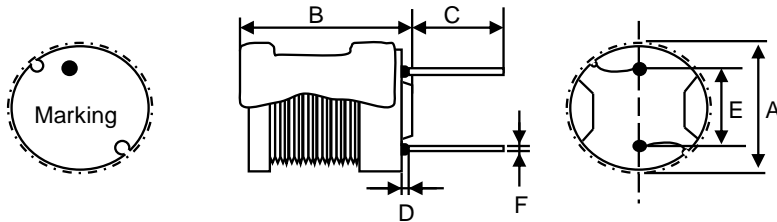
Artikelnummer / part number : **744732470**



Bezeichnung : **Tonneninduktivität WE-TI**
 description : **Filter Choke WE-TI**

DATUM / DATE : 2010-01-04

A Mechanische Abmessungen / dimensions:



	Typ "LM"	
A	9,5 max.	mm
B	8,0 max.	mm
C	5,0 ± 0,5	mm
D	3,0 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 / 0,25V	L_0	47,0	μH	±10%
DC-Widerstand / DC-resistance	@ 20°C	$R_{DC \text{ max.}}$	140,0	$\text{m}\Omega$	max.
Nennstrom / nominal current	$\Delta T=40 \text{ K}$	I_N	1,80	A	max.
Sättigungsstrom / saturating current	$\Delta L/L_0 -10\%$	I_{sat}	1,90	A	typ.

D Prüfgeräte / test equipment:

Wayne Kerr 3260B für/for L_0
GMC Metrahit 271 Milliohmometer für/for R_{DC}
Fluke 54II 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: 2-UEW 155°C
 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 2 10-01-04
		CZ	Version 1 Preliminary 09-12-15
		Name	Änderung / modification Datum / date

Würth Elektronik eiSos GmbH & Co.KG

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<http://www.we-online.com>

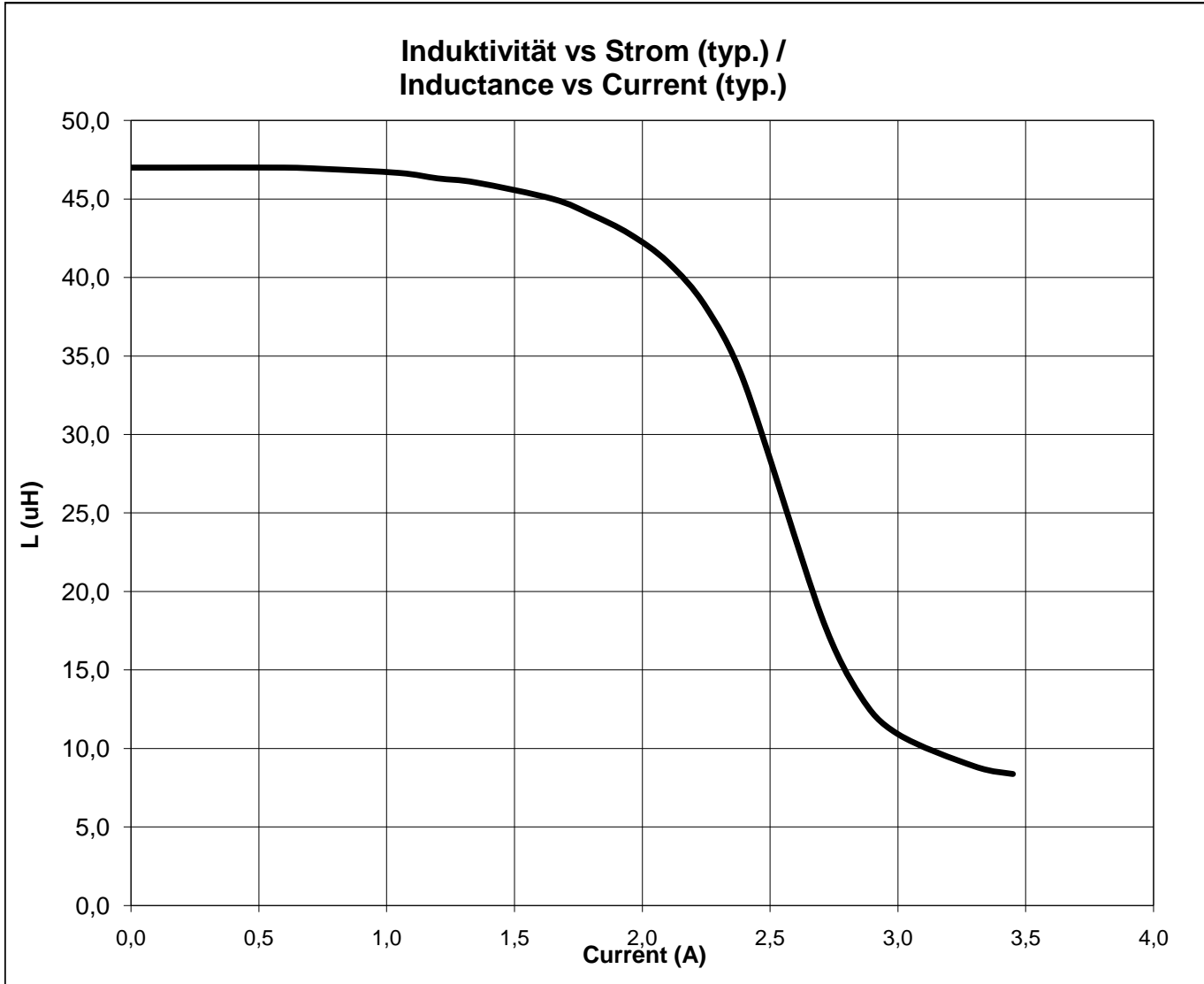
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H Induktivitätskurve / Inductance curve :



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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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