

# Spezifikation für Freigabe / specification for release

Kunde / customer : \_\_\_\_\_

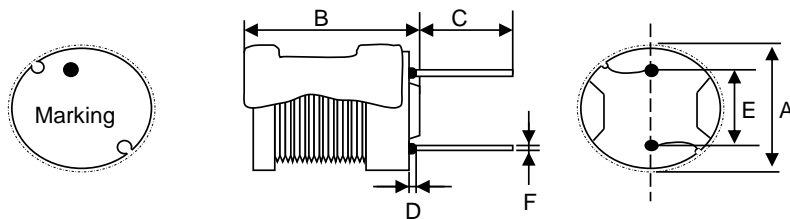
Artikelnummer / part number : **744741471**



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

DATUM / DATE : 2012-01-09

## A Mechanische Abmessungen / dimensions:



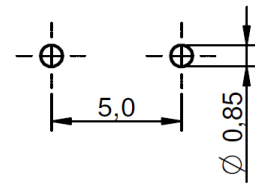
	8 X 5,5	
A	8,5 ± 0,5	mm
B	5,5 ± 0,5	mm
C	5,0 ± 1,0	mm
D	1,0 max.	mm
E	5,0 ± 0,5	mm
F	∅ 0,65 ref	mm

● = Start of winding    Marking = Inductance code

## B Elektrische Eigenschaften / electrical properties:

## C Bohrbild / hole pattern:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Leerlauf-Induktivität / inductance	1 kHz / 0,25V	L <sub>O</sub>	470	μH	±10%
DC-Widerstand / DC-resistance	@20°C	R <sub>DC max.</sub>	3,00	Ω	max.
Nennstrom / nominal current	ΔT=40 K	I <sub>R</sub>	440	mA	max.
Sättigungsstrom / saturating current	ΔL/L <sub>0</sub>  -10%	I <sub>sat</sub>	400	mA	typ.



## D Prüfgeräte / test equipment:

## E Testbedingungen / test conditions:

**Wayne Kerr 3260B** für/for L, I<sub>sat</sub>  
**GMC Metrahit 271 Milliohmometer** für/for R<sub>DC</sub>  
**Dostmann T900 Thermometer** für/for I<sub>R</sub>

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

## F Werkstoffe & Zulassungen / material & approvals

## G Eigenschaften / general specifications:

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

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		
	<b>Würth Elektronik</b>		
Geprüft / checked	Kontrolliert / approved		
	CZ	Version 3	12-01-09
	ME	Version 2	04-11-30
	ME	Version 1	04-08-10
	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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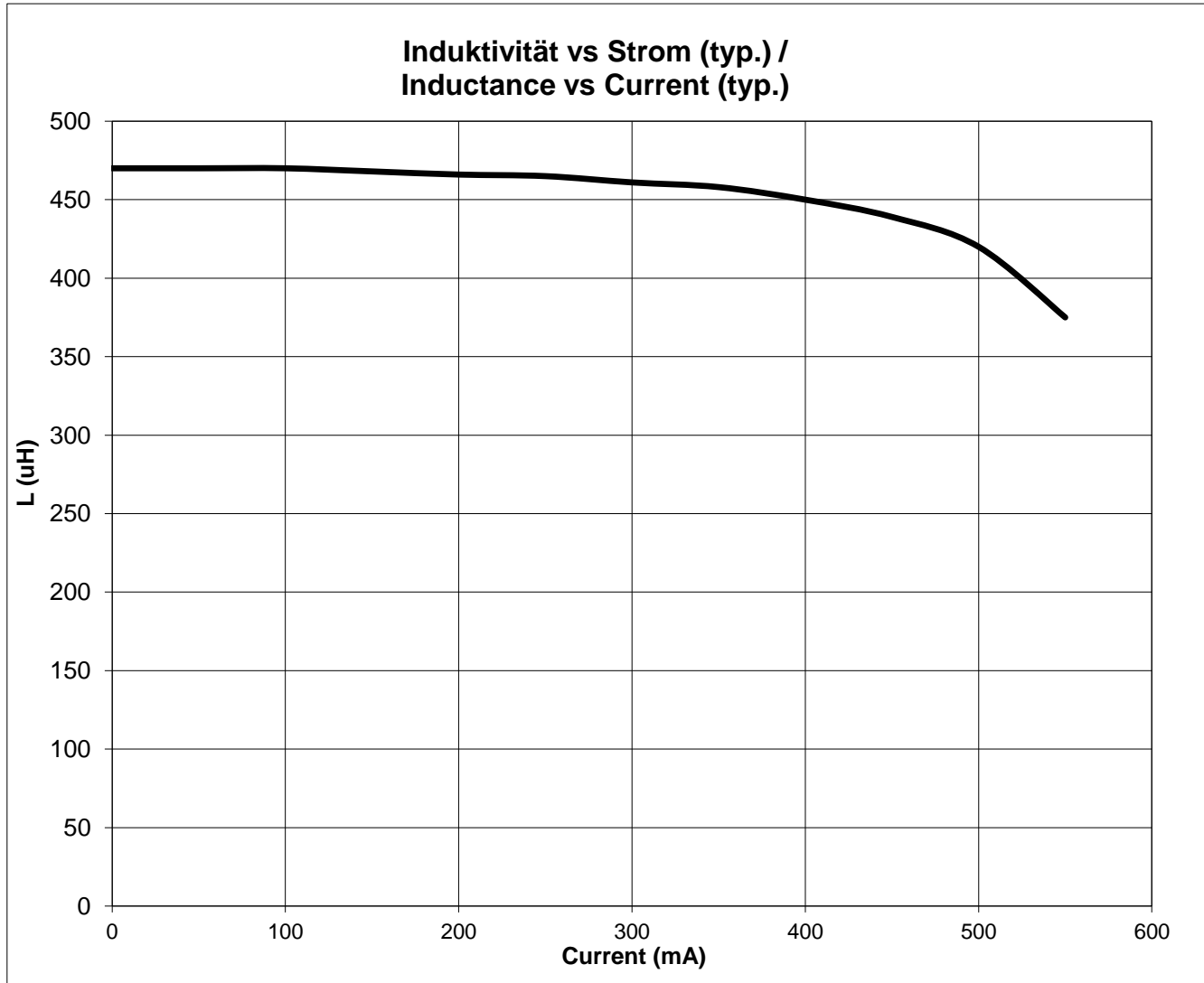


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## H Induktivitätskurve / Inductance curve :



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	<b>Würth Elektronik</b>	CZ	Version 3	12-01-09
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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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