

Spezifikation für Freigabe / specification for release

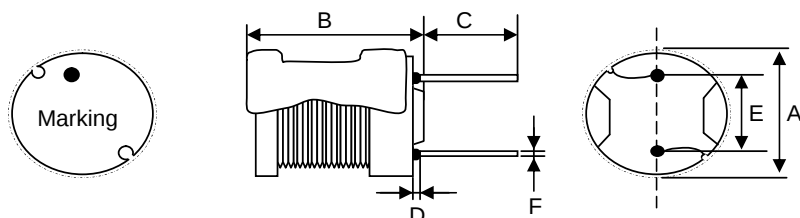
Kunde / customer :
 Artikelnummer / part number : **744741471**
 Bezeichnung : **Tonneninduktivität WE-TI**
 description : **Filter Choke WE-TI**

LF



DATUM / DATE : 2004-11-30

A Mechanische Abmessungen / dimensions:



	8 X 5,5	
A	$8 \pm 0,5$	mm
B	$5,5 \pm 0,5$	mm
C	$5,0 \pm 1,0$	mm
D	1,0 max.	mm
E	$5,0 \pm 0,5$	mm
F	$\varnothing 0,65$ 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	470	μH	$\pm 10\%$
Nenn-Induktivität / nominal inductance	1 kHz/0,25V/IN	L_N		μH	typ.
DC-Widerstand / DC-resistance	@20°C	$R_{DC \text{ max.}}$	3,00	Ω	max.
Nennstrom / nominal current	$\Delta T = 40 \text{ K}$	I_N	440	mA	max.
Sättigungsstrom / saturating current	$ \Delta L / L_0 - 10\%$	I_{sat}	400	mA	typ.

D Prüfgeräte / test equipment:

HP 4274 A & HP E3633 A für/for L_0
 HP 34401 A für/for I_N und/and R_{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: PVC

G Eigenschaften / general specifications:

Lagertemperatur / storage temperature: -25°C - + 85°C
 Betriebstemp. / operating temperature: -25°C - +85°C
 It is recommended that the temperature of the part does not exceed 85°C under worst case operating conditions.

Freigabe erteilt / general release:

Kunde / customer

Datum / date

Unterschrift / signature

Würth Elektronik

Geprüft / checked

Kontrolliert / approved

ME	Version 2	04-11-30
ME	Version 1	04-08-10
Name	Änderung / modification	Datum / date

Würth Elektronik eiSos GmbH & Co.KG

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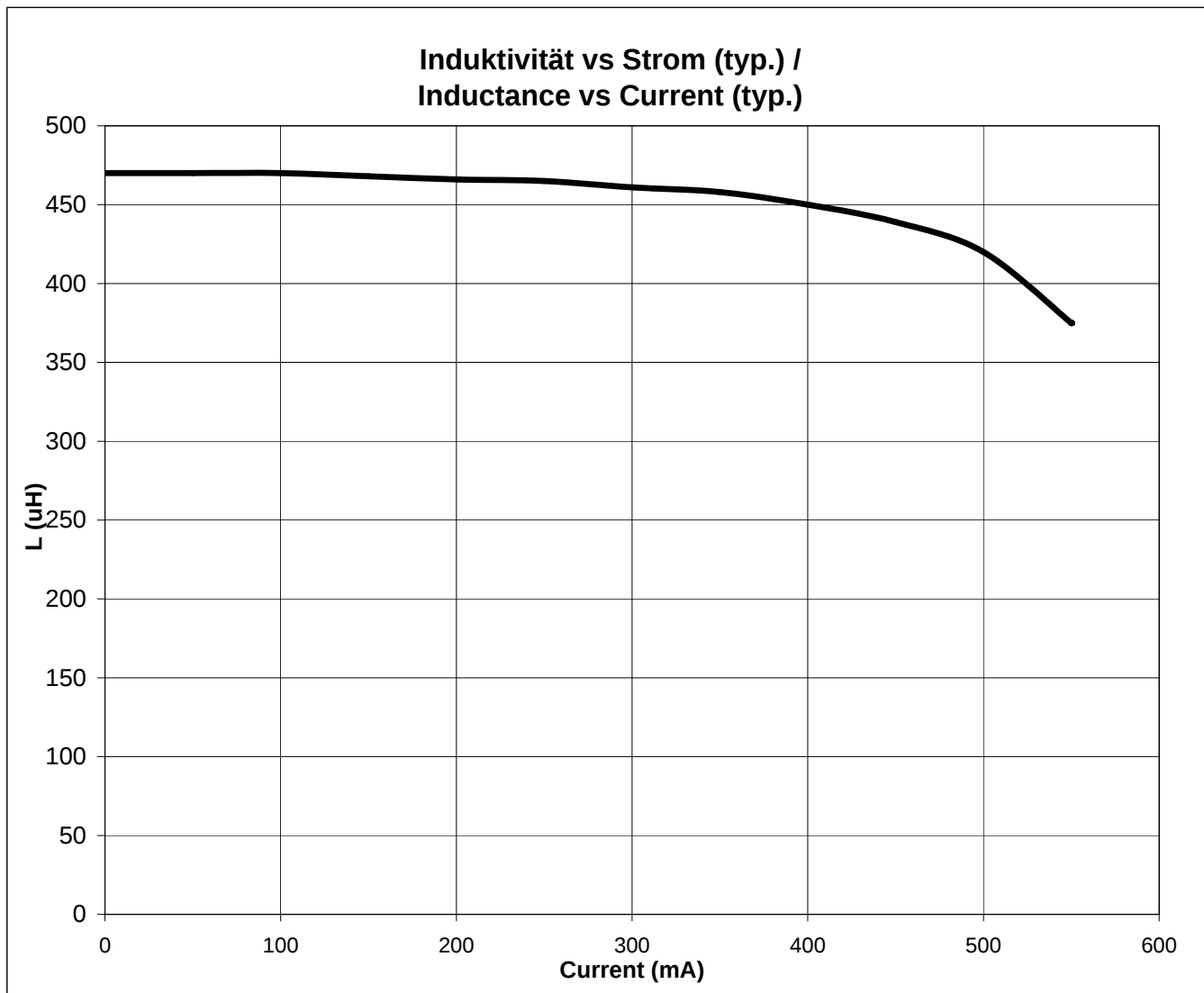
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H Induktivitätskurve / Inductance curve :



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This electronic component is designed and developed with the intention for use in general electronics equipments. Before incorporating the components into any equipments in the field such as aerospace, aviation, nuclear control, submarine, transportation, (automotive control, train control, ship control), transportation signal, disaster prevention, medical, public information network etc. where higher safety and reliability are especially required or if there is possibility of direct damage or injury to human body. In addition, even electronic component in general electronic equipments, when used in electrical circuits that require high safety, reliability functions or performance, the sufficient reliability evaluation-check for the safety must be performed before use. It is essential to give consideration when to install a protective circuit at the design stage.

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