

Spezifikation für Freigabe / specification for release

Kunde / customer : _____

Artikelnummer / part number : **744772220**

LF

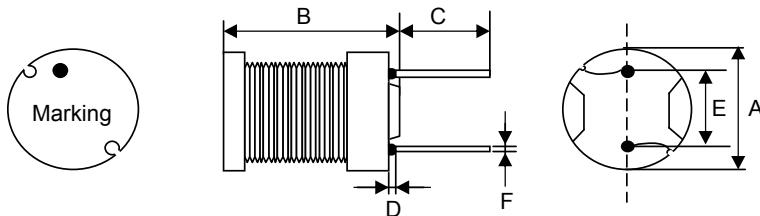


Bezeichnung : **Tonneninduktivität WE-TI**

description : **Filter Choke WE-TI**

DATUM / DATE : 2004-12-01

A Mechanische Abmessungen / dimensions:



	7,8 X 9,5	
A	7,8 ± 0,5	mm
B	9,5 ± 0,5	mm
C	5,0 ± 1,0	mm
D	2,0 max.	mm
E	5,0 ± 0,5	mm
F	ø 0,70 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 _O	22,0	μH	±10%
Nenn-Induktivität / nominal inductance	1 kHz/0,25V/IN	L _N		μH	typ.
DC-Widerstand / DC-resistance	@20°C	R _{DC} max.	0,055	Ω	max.
Nennstrom / nominal current	ΔT=40 K	I _N	2,30	A	max.
Sättigungsstrom / saturating current	ΔL/L _O -10%	I _{sat}	3,60	A	typ.

D Prüfgeräte / test equipment:

HP 4274 A & HP E3633 A für/for

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

RoHS compliant

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

ME

Version 2

04-12-01

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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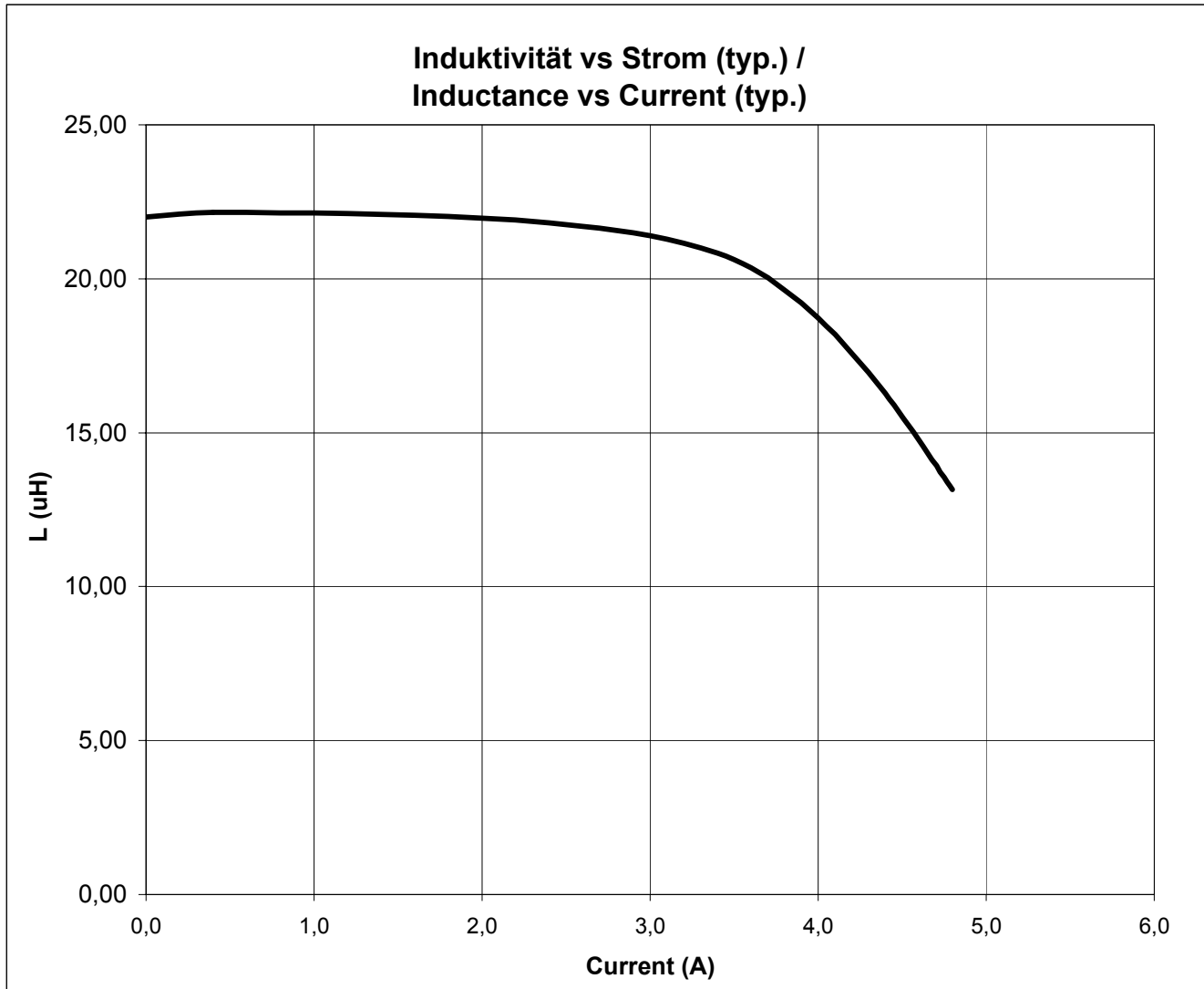


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H Induktivitätskurve / Inductance curve :



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ME	Version 2	04-12-01
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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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