

Spezifikation für Freigabe / specification for release

Kunde / customer : _____

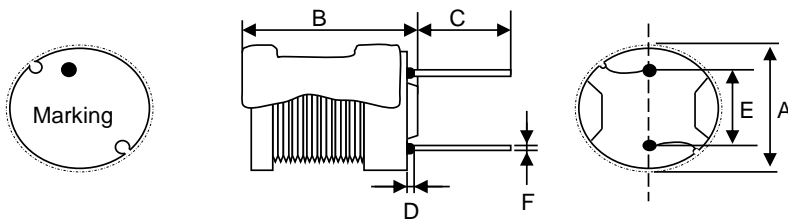
Artikelnummer / part number : **7447412331**



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

DATUM / DATE : 2012-01-09

A Mechanische Abmessungen / dimensions:



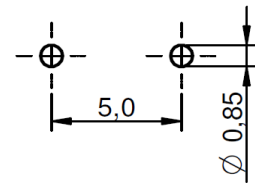
| 8 X 5,5 | | |
|---------|-------------------|----|
| A | 8,5 ± 0,5 | mm |
| B | 5,5 ± 0,5 | mm |
| C | 5,0 ± 1,0 | mm |
| D | 1,0 max. | mm |
| E | 5,0 ± 0,5 | mm |
| F | ∅ 0,65 ref | mm |
| | | |
| | | |

● = 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_0 | 330 | μH | ±10% |
| DC-Widerstand / DC-resistance | @20°C | $R_{DC \text{ max.}}$ | 2,00 | Ω | max. |
| Nennstrom / nominal current | $\Delta T=40 \text{ K}$ | I_R | 500 | mA | max. |
| Sättigungsstrom / saturating current | $\Delta L/L_0 <10\%$ | I_{sat} | 600 | mA | typ. |



D Prüfgeräte / test equipment:

E Testbedingungen / test conditions:

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

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 | | |
| | Würth Elektronik | | |
| | CZ | Version 3 | 12-01-09 |
| | SMU | Version 2 | 08-11-18 |
| | SMU | Version 1 | 08-07-16 |
| Geprüft / checked | Name | Änderung / modification | Datum / date |

Würth Elektronik eiSos GmbH & Co.KG

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

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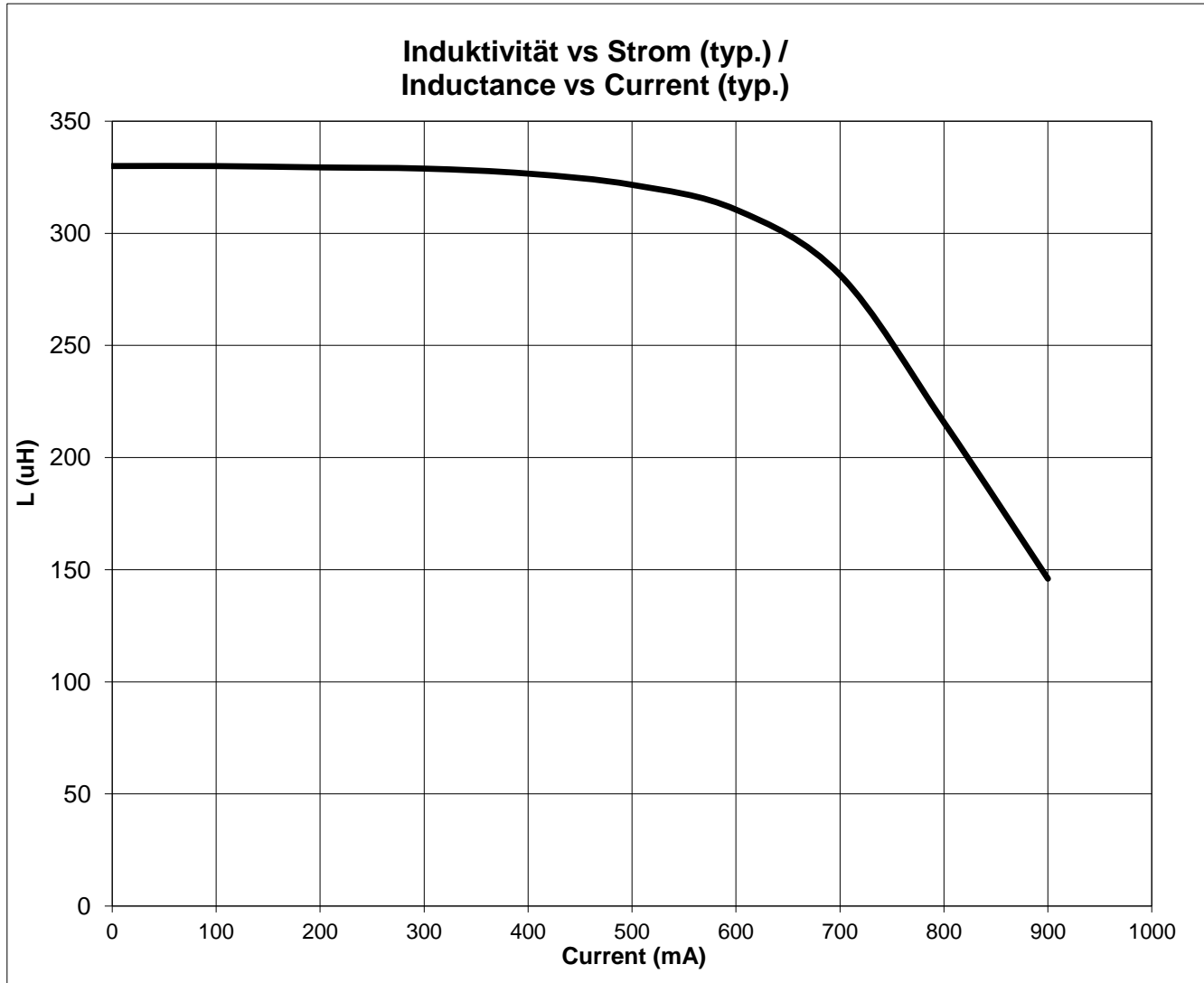


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description : **Filter Choke WE-TI**

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H Induktivitätskurve / Inductance curve :



| | | | | |
|-------------------------------------|--------------------------|------|--------------------------------|--------------|
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| | Würth Elektronik | 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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