

# Spezifikation für Freigabe / specification for release

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

Artikelnummer / part number : **7447721047**

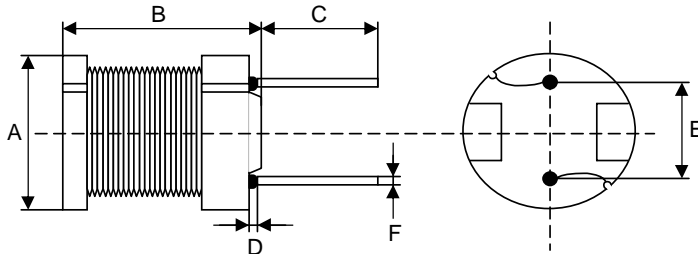
Bezeichnung : **Tonneninduktivität WE-TI**

description : **Filter Choke WE-TI**



DATUM / DATE : 2008-01-21

## A Mechanische Abmessungen / dimensions:



	Typ "LM"	
A	7,8 ± 0,5	mm
B	7,5 max.	mm
C	5,0 ± 0,5	mm
D		mm
E	5,0 ± 0,5	mm
F	∅ 0,65 typ	mm

## B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Leerlauf-Induktivität / inductance	1 kHz / 0,25V	L <sub>O</sub>	4.700	μH	±10%
DC-Widerstand / DC-resistance	1 kHz / 0,25V / 0,2A	L <sub>N</sub>	3.600	μH	ref.
DC-Widerstand / DC-resistance		R <sub>DC</sub>	15,00	Ω	max.
Nennstrom / nominal current		I <sub>N</sub>	0,20	A	max.
Sättigungsstrom / saturating current	ΔL/L  < 20%	I <sub>sat</sub>	0,18	A	max.

## C Lötpad / soldering spec.:

## D Prüfgeräte / test equipment:

HP 4274 A & HP E3633 A für/for L<sub>O</sub>/L<sub>N</sub> und/and Q

HP 34401 A für/for I<sub>DC</sub> und/and R<sub>DC</sub>

## E Testbedingungen / test conditions:

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

## F Werkstoffe & Zulassungen / material & approvals:

Basismaterial / base material: Ferrit/ferrite

Draht / wire: Class B

## 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		
	Unterschrift / signature		
Datum / date	Würth Elektronik		
Geprüft / checked	Kontrolliert / approved		
	Smu	Version 3	2008-02-21
	SSt	Version 2	2006-05-05
	SST	Version 1	2004-01-08
	Name	Änderung / modification	Datum / date

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.

**Würth Elektronik eiSos GmbH & Co.KG**

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