Spezifikation für Freigabe / specification for release

Kunde / customer :

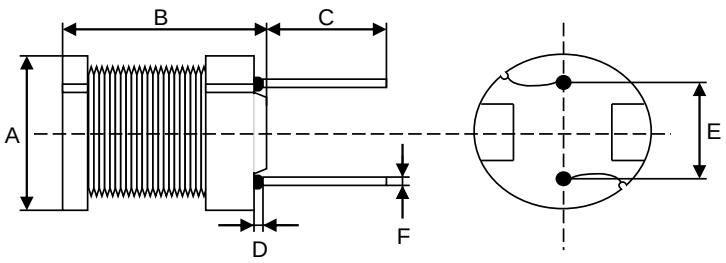
Artikelnummer / part number : **744772221**

Bezeichnung : **Tonneninduktivität WE-TI**

description : **Filter Choke WE-TI**

DATUM / DATE : 2010-09-16

A Mechanische Abmessungen / dimensions:

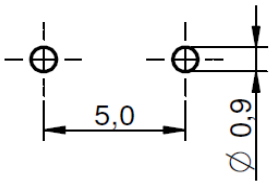


	Typ "L"	
A	**7,8 ± 0,5**	mm
B	**9,5 ± 0,5**	mm
C	**5,0 ± 0,5**	mm
D	**3,0 max.**	mm
E	**5,0 ± 0,5**	mm
F	**ø 0,7 ref**	mm

B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Leerlauf-Induktivität / inductance	**1 kHz / 0,25V**	L_O	**220,0**	µH	**±10%**
DC-Widerstand / DC-resistance	**@ 20° C**	$R_{DC\ max.}$	**0,450**	Ω	**max.**
Nennstrom / nominal current	**ΔT= 40°C**	I_N	**0,64**	A	**max.**
Sättigungsstrom/ saturating current	**|ΔL/Lo|-10%**	I_{sat}	**1,20**	A	**typ.**

C Lötpad / soldering spec.:



D Prüfgeräte / test equipment:

Wayne Kerr 3260B für/for L_0, I_{sat}

GMC Metrahit 27I Milliohmmeter für/for R_{DC}

Dostmann T900 Thermometer für/for I_{DC}

E Testbedingungen / test conditions:

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

F Werkstoffe & Zulassungen / material & approvals:

Basismaterial / base material:	Ferrit/ferrite
Draht / wire:	Class F

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

CZ	Version 9	10-09-16
CZ	Version 8	09-02-26
SSt	Update Temp	06-05-05
MST	Update	02-03-27
JH	Neugestaltung	00-12-06
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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