

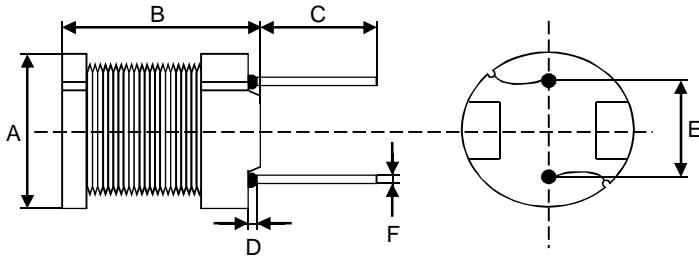
Spezifikation für Freigabe / specification for release

Kunde / customer :
 Artikelnummer / part number : **768772102**
 Bezeichnung : **WE-TI High Voltage**
 description : **WE-TI High Voltage**



DATUM / DATE : 2010-08-18

A Mechanische Abmessungen / dimensions:



A	7,8 ± 0,5	mm
B	9,5 ± 0,5	mm
C	5,0 ± 1,0	mm
D	3,0 max.	mm
E	5,0 ± 0,5	mm
F	∅ 0,7 ref	mm

B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Leerlauf-Induktivität / inductance	100 kHz / 0,25V	L_0	1000	μH	±10%
DC-Widerstand / DC-resistance	@ 20° C	$R_{DC \text{ max.}}$	2,08	Ω	max.
Nennstrom / nominal current	$\Delta T = 40^\circ\text{C}$	I_N	0,50	A	max.
Sättigungsstrom / saturating current	$\Delta L / L_0 - 10\%$	I_{sat}	0,55	A	typ.

C Lötpad / soldering spec.:

D Prüfgeräte / test equipment:

Wayne Kerr 3260B für/for L_0
Dostmann T905 Thermometer für/for I_{DC}
Baker DWX-05-PD für/for *Surge/Impuls test*
400VDC spannungsfest gemäß WESTD1516

E Testbedingungen / test conditions:

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

F Werkstoffe & Zulassungen / material & approvals:

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

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	MST	Version 1	10-08-18
		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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