

Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number: **744152**

LF

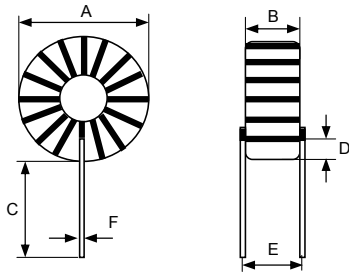


Bezeichnung : **SPEICHERDROSSEL WE-SI**

description : **TOROIDAL LINE CHOKE WE-SI**

DATUM / DATE : 2004-10-11

A Mechanische Abmessungen / dimensions :



A	28,0 max	mm
B	12,0 max	mm
C	12,0 ± 1,0	mm
D	1,5 min	mm
E	10,0 ± 1,0	mm
F	ø 1,0 ref	mm

B Elektrische Eigenschaften / electrical properties :

C Lötpad / soldering spec. :

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Leerlauf-Induktivität inductance	10 kHz / 0,25V	L _O	82,0	µH	+/-20%
Nenn-Induktivität nominal inductance	10 kHz/0,25V/IN	L _N	47,0	µH	min.
DC-Widerstand / DC-resistance		R _{DC}	0,030	Ω	max.
Nennstrom / nominal current		I _N	5,0	A	
Eigenres.-Frequenz / self-res.-frequency		SRF		MHz	

D Prüfgeräte / test equipment :

E Testbedingungen / test conditions:

HP 4274 A & HP E3633 A für/for L₀/L_N und/and Q
HP 34401 A für/for I_{DC} und/and R_{DC}

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

F Werkstoffe & Zulassungen / material & approvals :

G Eigenschaften / general specifications:

Basismaterial / base material: Ferrit/ferrite 3 W 7538
 Draht / wire: 2 UEW; 130°C

Lagertemperatur / storage temperature: -40°C - + 125°C
 Betriebstemp. / operating temperature -25°C - + 85°C

Freigabe erteilt / general release:	Kunde / customer		
Datum / date	Unterschrift / signature		
	Würth Elektronik		
Geprüft / checked	Kontrolliert / approved	MST	Version 1
		Name	Änderung / modification
			Datum / date

This electronic component is designed and developed with the intention for use in general electronics equipments. Before incorporating the components into any equipments in the field such as aerospace, aviation, nuclear control, submarine, transportation, (automotive control, train control, ship control), transportation signal, disaster prevention, medical, public information network where higher safety and reliability are especially required or if there is possibility of direct damage or injury to human body. In addition, even electronic component in general electronic equipments, when used in electrical circuits that require high safety, reliability functions or performance, the sufficient reliability evaluation-check for the safety must be performed before use. It is essential to give consideration when to install a protective circuit at the design stage.

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