Spezifikation für Freigabe / specification for release

Kunde / customer:

Artikelnummer / part number: **744133** LF

Bezeichnung : **SPEICHERDROSSEL WE-SI**

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

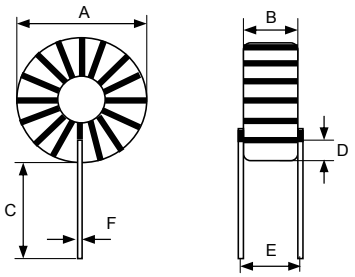
LEAD FREE WÜRTH ELEKTRONIK

RoHS compliant

WÜRTH ELEKTRONIK

DATUM / DATE : 2004-10-11

A Mechanische Abmessungen / dimensions :



A	**24,0 max**	mm
B	**13,0 max**	mm
C	**12,0 ± 1,0**	mm
D	**1,5 min**	mm
E	**11,5 ± 1,5**	mm
F	**ø 0,8 ref**	mm

B Elektrische Eigenschaften / electrical properties :

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Leerlauf-Induktivität / inductance	**10 kHz / 0,25V**	L_O	**75,0**	µH	**+/-20%**
Nenn-Induktivität / nominal inductance	**10 kHz/0,25V/IN**	L_N	**47,0**	µH	**min.**
DC-Widerstand / DC-resistance		R_{DC}	**0,040**	Ω	**max.**
Nennstrom / nominal current		I_N	**3,0**	A	
Eigenres.-Frequenz / self-res.-fequency		SRF		MHz	

C Lötpad / soldering spec. :

D Prüfgeräte / test equipment :

HP 4274 A & HP E3633 A für/for L_0/L_N und/and Q

HP 34401 A für/for I_{DC} und/and R_{DC}

E Testbedingungen / test conditions:

Luftfeuchtigkeit / humidity: 33%

Umgebungstemperatur / temperature: +20°C

F Werkstoffe & Zulassungen / material & approvals :

Basismaterial / base material: Ferrit/ferrite 3 W 7538

Draht / wire: 2 UEW; 130°C

G Eigenschaften / general specifications:

Lagertemperatur / storage temperature: -40°C - + 125°C

Betriebstemp. / operating temperature -25°C - + 85°C

Freigabe erteilt / general release:

Kunde / customer	Würth Elektronik
Datum / date	Unterschrift / signature
Geprüft / checked	Kontrolliert / approved

Name	Änderung / modification	Datum / date
MST	Version 1	2004-10-11

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 electr 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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