Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number : **7446326002** LF

Bezeichnung : **STROMKOMPENSIERTE DROSSEL WE-LF**

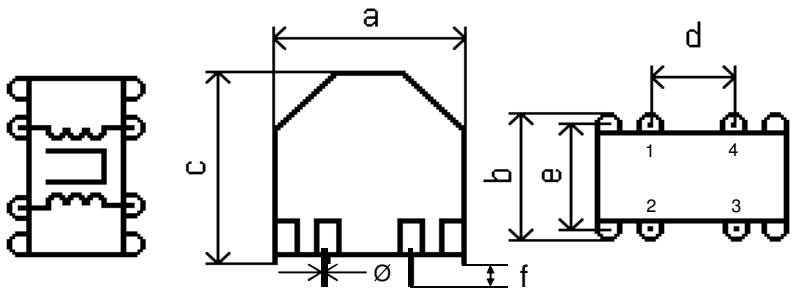
description : **CURRENT-COMPENSATED CHOKE WE-LF**

compliant RoHS WÜRTH ELEKTRONIK

WÜRTH ELEKTRONIK

DATUM / DATE : 2012-08-07

A Mechanische Abmessungen / dimensions:

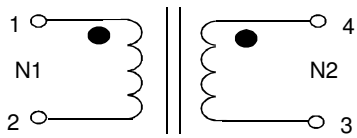


	Gehäuse / case: LV	
a	**26,5 max**	mm
b	**18,5 max**	mm
c	**30,5 max**	mm
d	**12,5 ± 0,2**	mm
e	**15,0 ± 0,2**	mm
f	**3,0 ± 0,5**	mm
ø	**0,6 x 0,6 typ**	mm

B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Leerlauf-Induktivität / inductance	**10 kHz / 50 mV / 25°C**	L_O	**1.8**	mH	**±30%**
DC-Widerstand / DC-resistance		R_{DC}	**0.023**	Ω	**max.**
Nennstrom / nominal current		I_N	**6.0**	A	
Nennspannung / nominal voltage	**50 Hz**	U_N	**250**	V	

C Lötpad / soldering spec.:



D Prüfgeräte / test equipment:

FLUKE PM 6306 für/for L_0/L_N

HP 34401 A für/for I_N und/and R_{DC}

E Testbedingungen / test conditions:

Luftfeuchtigkeit / humidity:	33%
Umgebungstemperatur / temperature:	+25°C
Prüfspannung / testing voltage	1500 V,50 Hz

F Werkstoffe & Zulassungen / material & approvals:

Gehäuse / case:	UL94V-0
Draht / wire:	P155 IEC317-20
Verguß / molding:	UL94V-0

G Eigenschaften / general specifications:

Klimabeständigkeit/ climatic class:	40/125/21
Betriebstemp. / operating temperature:	-40°C - + 125°C
Übertemperatur / temperature rise:	< 55 K

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

Name	Änderung / modification	Datum / date
HasA	Version 6	12-08-07
HasA	Version 5	11-08-22
MST	Version 4	05-11-22
MST	Version 3	05-07-27
MST	Version 2	04-01-18
MST	Version 1	04-10-11

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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