Spezifikation für Freigabe / specification for release

Kunde / customer:

Artikelnummer / part number: **744825510** LF

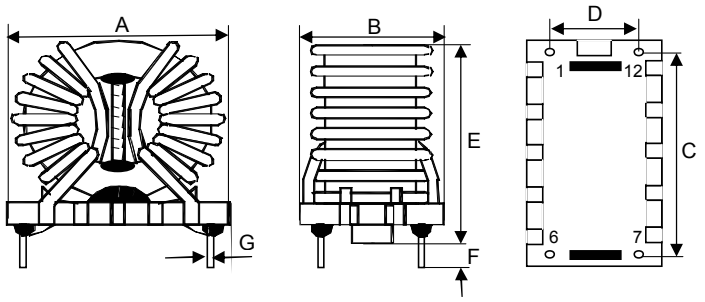
Bezeichnung : **STROMKOMP. DROSSEL WE-CMB**

description : **COMMON MODE CHOKE WE-CMB**

RoHS compliant

DATUM / DATE : 2004-10-11

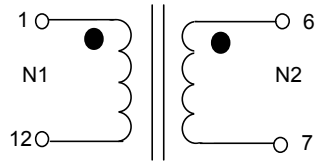
A Mechanische Abmessungen / dimensions



	XL	
A	**30,0 ± 0,5**	mm
B	**21,0 max.**	mm
C	**25,0 ± 0,5**	mm
D	**15,0 ± 0,5**	mm
E	**35,0 max.**	mm
F	**5,0 ± 0,5**	mm
G	**1,0 typ.**	mm

B Elektrische Eigenschaften / electrical properties

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Leerlauf-Induktivität / inductance	**10 kHz / 50µA**	L_O	**10,0**	mH	**±30%**
DC-Widerstand / DC-resistance	**@ 25°C**	R_{DC}	**55,0**	mΩ	**max.**
Nennstrom / nominal current		I_{DC}	**5,0**	A	**max.**
Nennspannung / nominal voltage		U_N	**250**	V_{AC}	**typ.**



D Prüfgeräte / test equipment

WAYNE KERR WK3260B/WK3265 für/for L_0/L_N und/and RDC

HP 34401 A für/for I_N

E Testbedingungen/ test conditions

Luftfeuchtigkeit / humidity:	33%
Umgebungstemperatur / temperature:	+25°C
Prüfspannung / testing voltage N1/N2	1500 V,50 Hz
	5 mA / 2 sec.

F Werkstoffe & Zulassungen / material & approvals

Sockel / base:	UL94V-0
Draht / wire:	2UEWF (155°C)
Kleber / glue:	UL94V-2
Abstandhalter / spacer	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

MST	Version 4	04-10-11
MST	Version 3	04-07-06
MST	Version 2	03-12-01
MST	Version 1	03-03-07
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 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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