

# Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number : **744841414**

LF



RoHS compliant

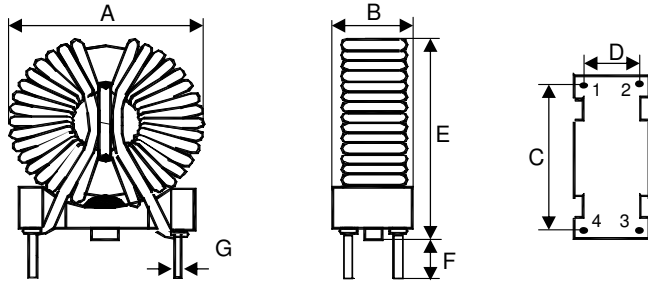


WÜRTH ELEKTRONIK

Bezeichnung : **STROMKOMP. DROSSEL WE-CMB "NiZn"**  
 description : **COMMON MODE CHOKE WE-CMB "NiZn"**

DATUM / DATE : 2005-12-27

## A Mechanische Abmessungen / dimensions:

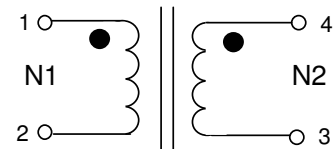


XS		
A	16,0 max.	mm
B	7,5 max.	mm
C	10,0 ± 0,5	mm
D	4,5 ± 0,5	mm
E	17,5 max.	mm
F	2,5 ± 0,5	mm
G	0,7 ref.	mm

## B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Leerlauf-Induktivität / inductance	10 kHz / 5mA	L <sub>O</sub>	14,0	μH	±30%
DC-Widerstand / DC-resistance	@ 25°C	R <sub>DC</sub>	15,0	mΩ	max.
Nennstrom / nominal current		I <sub>DC</sub>	4,0	A	max.
Nennspannung / nominal voltage		U <sub>N</sub>	250	V <sub>AC</sub>	typ.

## C Lötpad / soldering spec.:



## D Prüfgeräte / test equipment:

FLUKE PM 6306 für/for L<sub>O</sub>/L<sub>N</sub>  
 HP 34401 A für/for I<sub>N</sub> und/and R<sub>DC</sub>

## E Testbedingungen / test conditions:

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

## F Werkstoffe & Zulassungen / material & approvals

Sockel / base: UL94V-0  
 Draht / wire: Class F  
 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		
Datum / date	Unterschrift / signature		
	Würth Elektronik		
Geprüft / checked	Kontrolliert / approved	MST	Version 1
		Name	Änderung / modification
			05-12-27
			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 etc. 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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