

# Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number : **7446221027**

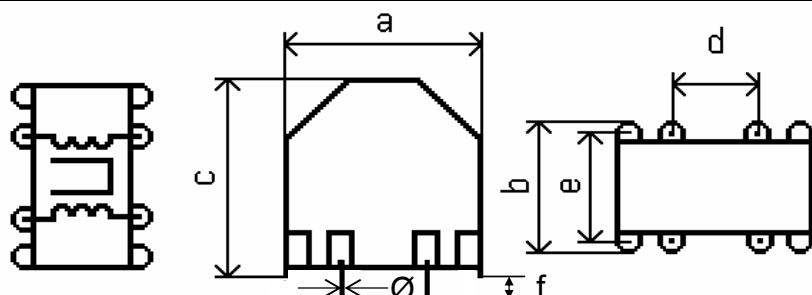
LF



Bezeichnung : **STROMKOMPENSIERTE DROSSEL WE-LF**  
description : **CURRENT-COMPENSATED CHOKE WE-LF**

DATUM / DATE : 2005-11-22

## A Mechanische Abmessungen / dimensions:



| Gehäuse / case: MV |               |    |
|--------------------|---------------|----|
| a                  | 23,5 max      | mm |
| b                  | 16,0 max      | mm |
| c                  | 25,5 max      | mm |
| d                  | 10,0 ± 0,2    | mm |
| e                  | 12,5 ± 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 <sub>O</sub>  | 27,0         | mH             | ±30% |
| DC-Widerstand / DC-resistance      |                                   | R <sub>DC</sub> | 0,700        | Ω              | max. |
| Nennstrom / nominal current        |                                   | I <sub>N</sub>  | 0,6          | A              |      |
| Nennspannung / nominal voltage     | 50 Hz                             | U <sub>N</sub>  | 250          | V              |      |

## 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

## 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: -25°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

|      |                         |              |
|------|-------------------------|--------------|
|      |                         |              |
|      |                         |              |
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|      |                         |              |
| MST  | Version 3               | 05-11-22     |
| MST  | Version 2               | 04-01-18     |
| MST  | Version 1               | 04-10-11     |
| 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 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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