

# Spezifikation für Freigabe / specification for release

Kunde / customer : \_\_\_\_\_

Artikelnummer / part number : **74455133**

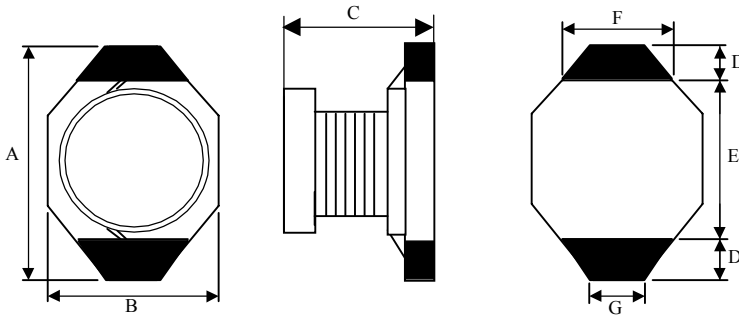
Bezeichnung : **SPEICHERDROSSEL WE-PD 4**

description : **POWER-CHOKE WE-PD 4**



DATUM / DATE : 2002-03-08

## A Mechanische Abmessungen / dimensions:

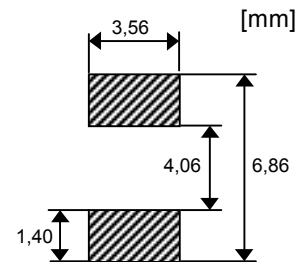


| Typ S |                 |    |
|-------|-----------------|----|
| A     | <b>6,6 max</b>  | mm |
| B     | <b>4,45 max</b> | mm |
| C     | <b>2,92 max</b> | mm |
| D     | <b>1,0 ref</b>  | mm |
| E     | <b>4,32 ref</b> | mm |
| F     | <b>3,05 ref</b> | mm |
| G     | <b>1,27 ref</b> | mm |
| H     |                 | mm |

## B Elektrische Eigenschaften / electrical properties:

| Eigenschaften / properties               | Testbedingungen / test conditions  |                  | Wert / value | Einheit / unit | tol.       |
|--|------------------------------------|------------------|--------------|----------------|------------|
| Induktivität / inductance                | <b>100 kHz / 0,1V</b>              | L                | <b>33,00</b> | $\mu$ H        | $\pm 20\%$ |
| max. Strom / max. Current                | $\Delta L/L_0 = 10\% \text{ max.}$ | $I_{\text{sat}}$ | <b>0,58</b>  | A              | max.       |
| DC-Widerstand / DC-resistance            |                                    | $R_{\text{DC}}$  | <b>0,510</b> | $\Omega$       | max.       |
| Nennstrom / rated current                | $\Delta T = 15^\circ\text{C max.}$ | $I_{\text{DC}}$  | <b>0,60</b>  | A              | max.       |
| Eigenres.-Frequenz / self-res.-frequency |                                    | SRF              | <b>15,0</b>  | MHz            | typ.       |

## C Lötpad / soldering spec.:



## D Prüfgeräte / test equipment:

**HP 4274 A** für/for L und/and Q  
**HP 34401 A** für/for  $I_{\text{DC}}$  und/and  $R_{\text{DC}}$

## E Testbedingungen / test conditions:

Luftfeuchtigkeit / humidity: 33%  
 Umgebungstemperatur / temperature: +20°C

## F Werkstoffe & Zulassungen / material & approvals

Basismaterial / base material: Ferrit / ferrite  
 Draht / wire: 2UEW  
 Sockel / Base: Keramik/ ceramic

## G Eigenschaften / granted properties:

Lagertemperatur / storage temperature: -40°C - + 105°C  
 Betriebstemp. / operating temperature: -40°C - + 85°C

|                                     |                   |                          |                                      |
|-------------------------------------|-------------------|--------------------------|--------------------------------------|
| Freigabe erteilt / general release: | Kunde / customer  |                          |                                      |
|                                     |                   |                          |                                      |
|                                     | Datum / date      | Unterschrift / signature |                                      |
|                                     | Geprüft / checked | Kontrolliert / approved  |                                      |
|                                     | Würth Elektronik  | AG                       | Freigabe 02-02-20                    |
|                                     |                   | LF                       | Update 01-12-05                      |
|                                     |                   | RT                       | Neugestaltung 01-12-05               |
|                                     |                   | Name                     | Änderung / modification Datum / date |

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