

# Spezifikation für Freigabe / specification for release

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

Artikelnummer / part number : **744776033A**

Bezeichnung : **SPEICHERDROSSEL WE-PD2**

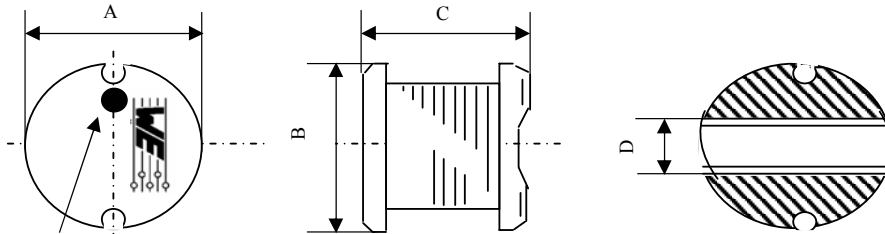
description : **POWER-CHOKE WE-PD2**



**WÜRTH ELEKTRONIK**

**DATUM / DATE : 2002-04-10**

## A Mechanische Abmessungen / dimensions:



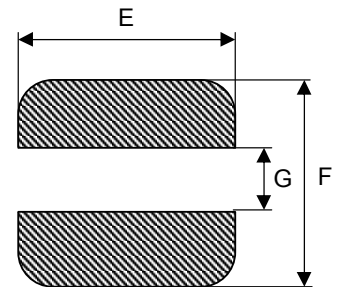
marking dot is start winding & inductance code

|   | Typ XL           |    |
|---|------------------|----|
| A | <b>9,5 ± 0,3</b> | mm |
| B | <b>9,5 ± 0,3</b> | mm |
| C | <b>5,5 ± 0,3</b> | mm |
| D | <b>2,9 typ</b>   | mm |
| E | <b>10,0 ref</b>  | mm |
| F | <b>10,0 ref</b>  | mm |
| G | <b>2,8 ref</b>   | mm |

## B Elektrische Eigenschaften / electrical properties:

| Eigenschaften / properties               | Testbedingungen / test conditions |                 | Wert / value | Einheit / unit | tol.        |
|--|-----------------------------------|-----------------|--------------|----------------|-------------|
| Induktivität / inductance                | <b>1 kHz / 0,25V</b>              | L               | <b>3,3</b>   | µH             | <b>±20%</b> |
| Güte Q / Q factor                        | <b>7,960 MHz</b>                  | Q               | <b>34</b>    |                |             |
| DC-Widerstand / DC-resistance            |                                   | R <sub>DC</sub> | <b>0,02</b>  | Ω              | <b>max.</b> |
| Nennstrom / rated current                |                                   | I <sub>DC</sub> | <b>5,00</b>  | A              | <b>max.</b> |
| Eigenres.-Frequenz / self-res.-frequency |                                   | SRF             | <b>55,00</b> | MHz            |             |

## C Lötpad / soldering spec.:



## D Prüfgeräte / test equipment:

**HP 4274 A** für/for L und/and Q  
**HP 4274 A** für/for R<sub>DC</sub> und I<sub>DC</sub>

## E Testbedingungen / test conditions:

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

## F Werkstoffe & Zulassungen / material & approvals

Basismaterial / base material: Ferrit  
 Draht / wire: 2UEW ; 130°C

## G Eigenschaften / general specifications:

Lagertemperatur / storage temperature: -40°C ~ + 125°C  
 Betriebstemp. / operating temperature: -40°C ~ +105°C

| Freigabe erteilt / general release: |  | Kunde / customer         |  |      |                                      |
|-------------------------------------|--|--------------------------|--|------|--------------------------------------|
| .....                               |  | .....                    |  |      |                                      |
| Datum / date                        |  | Unterschrift / signature |  | SST  | Update temperature 03-07-03          |
| .....                               |  | Würth Elektronik         |  | RT   | Update 2002-01-20                    |
| .....                               |  | .....                    |  | RT   | Update 02-04-10                      |
| .....                               |  | .....                    |  | MST  | Neugestaltung 02-02-05               |
| Geprüft / checked                   |  | Kontrolliert / approved  |  | Name | Änderung / modification Datum / date |

### Würth Elektronik eiSos GmbH & Co.KG

D-74638 Waldenburg · Max-Eyth-Strasse 1 - 3 · Germany · Telefon (+49) (0) 7942 - 945 - 0 · Telefax (+49) (0) 7942 - 945 - 400  
<http://www.we-online.com>