



**THE DATASHEET OF  
744775068A**



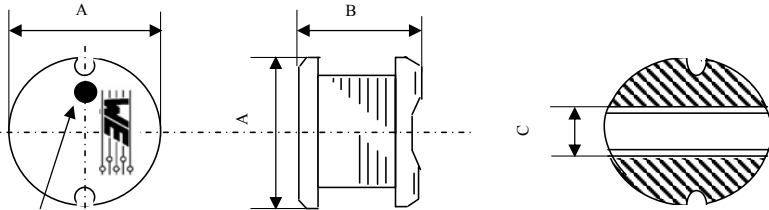
# Spezifikation für Freigabe / specification for release

Kunde / customer: \_\_\_\_\_  
 Artikelnummer / part number: **744775068A**  
 Bezeichnung: **SPEICHERDROSSEL WE-PD2**  
 description: **POWER-CHOKE WE-PD2**



DATUM / DATE : 2004-10-11

## A Mechanische Abmessungen / dimensions



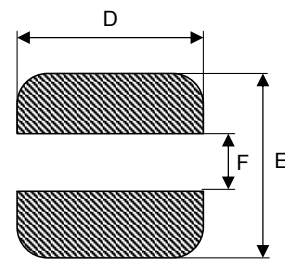
marking dot is start winding  
& inductance code

Typ L		
A	<b>7,5 ± 0,3</b>	mm
B	<b>5,0 ± 0,3</b>	mm
C	<b>2,6 ref</b>	mm
D	<b>8,0 ref</b>	mm
E	<b>7,8 ref</b>	mm
F	<b>2,4 ref</b>	mm

## B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Induktivität / inductance	<b>1 kHz</b>	L	<b>6,80</b>	µH	± 20%
Güte Q / Q factor	<b>7,960 MHz</b>	Q	<b>30</b>		
DC-Widerstand / DC-resistance		R <sub>DC</sub>	<b>0,04</b>	Ω	max.
Nennstrom / rated current		I <sub>DC</sub>	<b>3,20</b>	A	max.
Eigenres.-Frequenz / self-res.-frequency		SRF	<b>33,00</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: class F

## G Eigenschaften / general specifications:

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

Freigabe erteilt / general release:	Kunde / customer		
	Unterschrift / signature		
Datum / date	Würth Elektronik		
	RT	Version 3	2004-10-11
	SST	Version 2	2003-07-02
	JH	Version 1	2000-12-06
Geprüft / checked	Kontrolliert / approved		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 equipment 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 give consideration when to install a protective circuit at the design stage.

### Würth Elektronik eiSos GmbH & Co.KG

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