

Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number :

744065820

LF

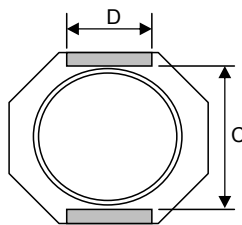
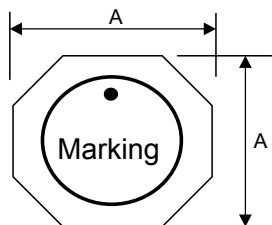


Bezeichnung : **SPEICHERDROSSEL WE-TPC**

description : **POWER-CHOKE WE-TPC**

DATUM / DATE : 2004-10-11

A Mechanische Abmessungen / dimensions :



	Typ XL	
A	10 ± 0,3	mm
B	2,8 ± 0,3	mm
C	7,4 ref.	mm
D	3,2 ref.	mm

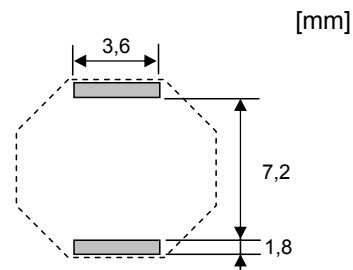
● = Start of winding

Marking = Inductance code

B Elektrische Eigenschaften / electrical properties :

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Induktivität / inductance	100 kHz / 1,0V	L	82,00	μH	± 30%
DC-Widerstand / DC-resistance	@ 20°C	R _{DC typ}	323,00	mΩ	typ.
DC-Widerstand / DC-resistance	@ 20°C	R _{DC max}	420,00	mΩ	max.
Nennstrom / rated current	ΔT=30 K	I _{DC}	1,10	A	max.
Sättigungsstrom / saturation current	ΔL/L <35%	I _{sat}	1,00	A	typ.
Eigenres.-Frequenz / self-res.-frequency		SRF	8,0	MHz	typ.

C Lötpad / soldering spec. :



D Prüfgeräte / test equipment :

HP 4274 A für/for L und/and SRF

HP 34401 A für/for I_{DC} und/and R_{DC}

E Testbedingungen / test conditions :

Luftfeuchtigkeit / humidity: 33%

Umgebungstemperatur / temperature: +20°C

F Werkstoffe & Zulassungen / material & approvals :

Basismaterial / base material: Ferrit / ferrite

Draht / wire: Class F

Endoberfläche / finishing electrode: Sn/Ag/Cu - 96.5/3.0/0.5%

G Eigenschaften / general specifications :

Betriebstemp. / operating temperature: -40°C - + 115°C

Umgebungstemp. / ambient temperature: -40°C - + 85°C

It is recommended that the temperature of the part does not exceed 115°C under worst case operating conditions.

Freigabe erteilt / general release:	Kunde / customer		
Datum / date	Unterschrift / signature		
	Würth Elektronik		
Geprüft / checked	Kontrolliert / approved	ME	Version 1 04-10-11
		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.de

Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number :

744065820

Bezeichnung :

SPEICHERDROSSEL WE-TPC

description :

POWER-CHOKE WE-TPC

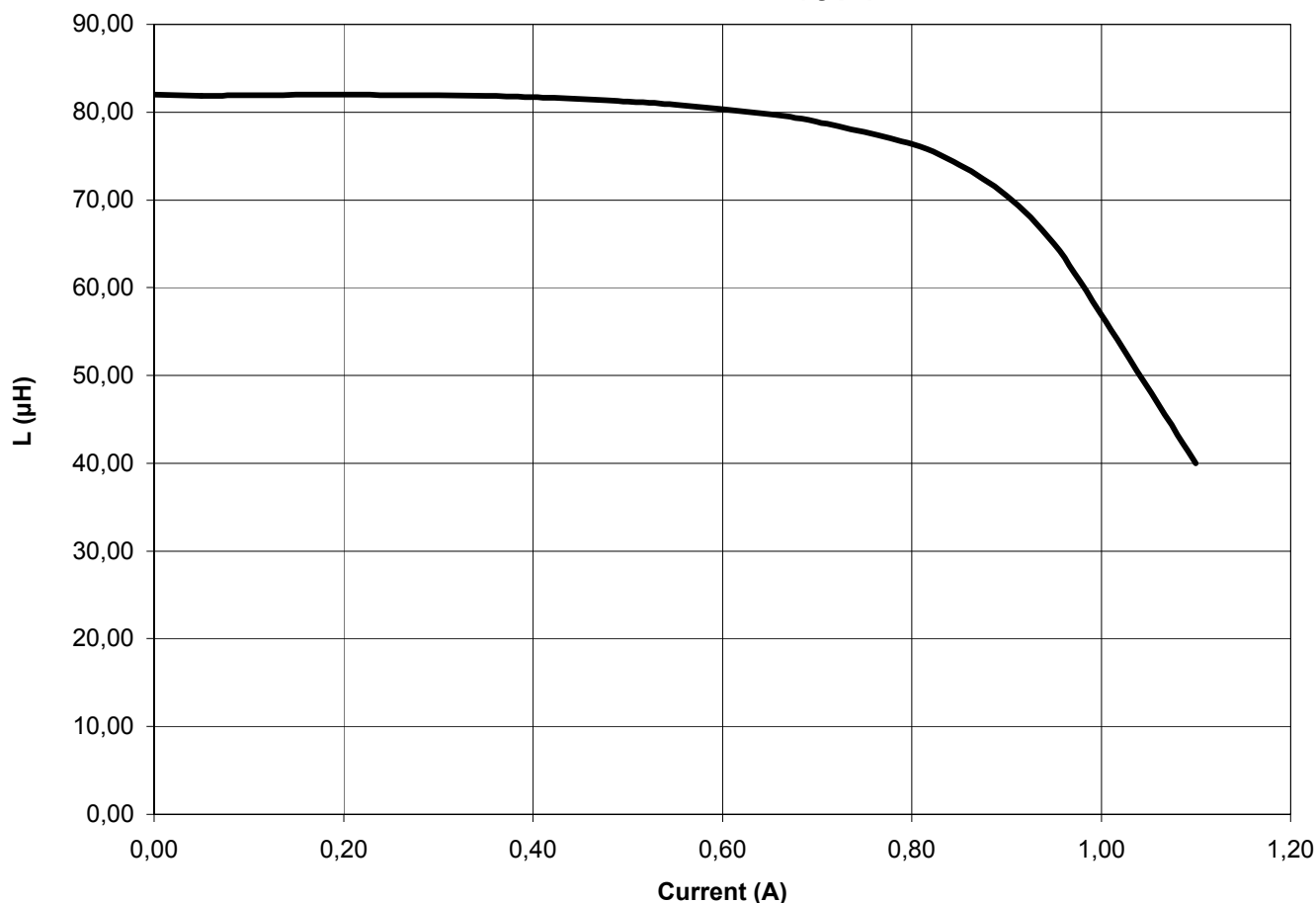
LF



DATUM / DATE : 2004-10-11

H Induktivitätskurve / Inductance curve :

Induktivität vs Strom (typ.) /
Inductance vs Current (typ.)



Freigabe erteilt / general release:	Kunde / customer				
Datum / date	Unterschrift / signature				
	Würth Elektronik				
Geprüft / checked	Kontrolliert / approved		ME	Version 1	04-10-11
			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.de

Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number :

744065820

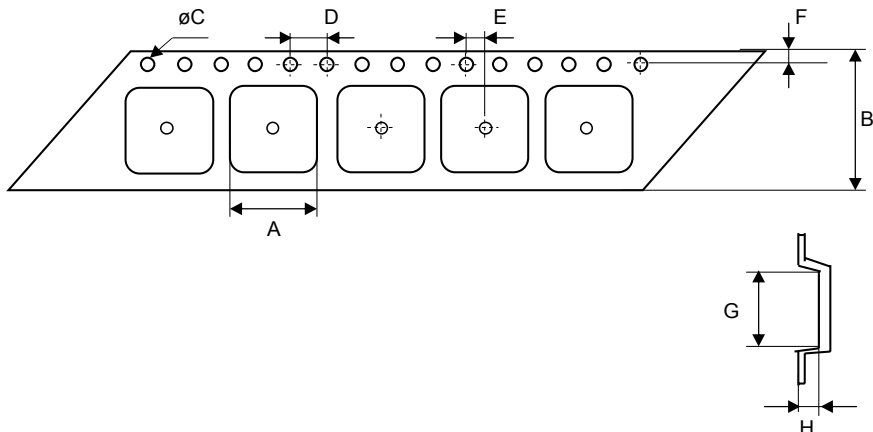


Bezeichnung : **SPEICHERDROSSEL WE-TPC**

description : **POWER-CHOKE WE-TPC**

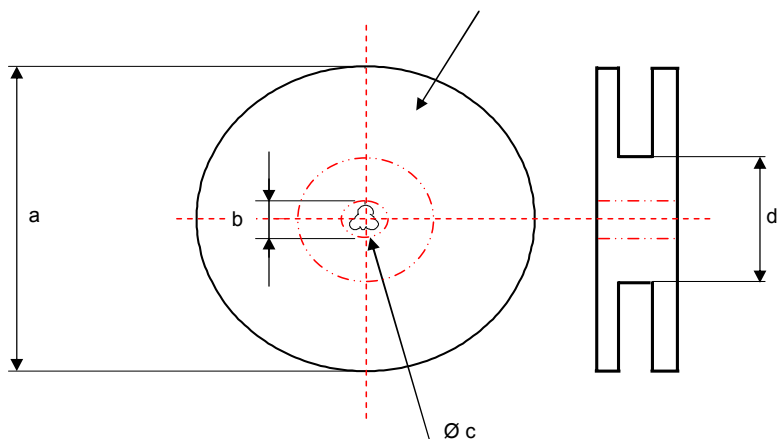
DATUM / DATE : 2004-10-11

I Rollenspezifikation / Tape and reel specification :



Gurtspezifikation / Tape specification:

A	$6,6 \pm 0,1$	mm
B	$16,0 \pm 0,3$	mm
C	$1,50 \pm 0,1$	mm
D	$4,00 \pm 0,1$	mm
E	$2,00 \pm 0,1$	mm
F	$1,75 \pm 0,1$	mm
G	$7,00 \pm 0,1$	mm
H	$3,40 \pm 0,1$	mm



Rollenspezifikation / Reel specification:

a	$330,0 \pm 0,5$	mm
b	$20,20 \pm 0,1$	mm
c	$13,00 \pm 1,0$	mm
d	$100,0 \pm 1,0$	mm

Freigabe erteilt / general release:

Kunde / customer

Datum / date

Unterschrift / signature

Würth Elektronik

Geprüft / checked

Kontrolliert / approved

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.

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.de>