Spezifikation für Freigabe / specification for release

Kunde / customer :

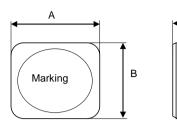
Artikelnummer / part number : 744031004

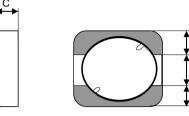
Bezeichnung : SPEICHERDROSSEL WE-TPC description : POWER-CHOKE WE-TPC



DATUM / DATE : 2009-01-15

A Mechanische Abmessungen / dimensions:





	Typ S	
Α	$3,8 \pm 0,3$	mm
В	3.8 ± 0.3	mm
С	1,65± 0,15	mm
D	1,3typ.	mm
Е	1,2 typ.	mm

Marking = Inductance code

B Elektrische Eigenschaften / electrical properties

B Elektrische Eigenschaften / electrical properties:						
Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.	
Induktivität / inductance	100 kHZ / 0,1V	L	4,70	μH	±30%	
DC-Widerstand / DC-resistance	@ 20°C	R _{DC typ}	0,090	Ω	typ.	
DC-Widerstand / DC-resistance	@ 20°C	R _{DC max}	0,105	Ω	max.	
Nennstrom / rated current	∆T=30 K	I _{DC}	1200	mA	max.	
Sättigungsstrom / saturation current	ΔL/L <35%	I _{sat}	900	mA	typ.	
EigenresFrequenz / self-resfequency		SRF	75	MHz	typ.	



[mm] 4,30 1,60 1,10 1,60

D Prüfgeräte / test equipment:

HP 4274 A für/for L und/and Q

 $\mbox{HP 34401 A}$ für/for $\mbox{R}_{\mbox{\scriptsize DC}}$ und $\mbox{I}_{\mbox{\scriptsize DC}}$

E Testbedingungen / test conditions:

Luftfeuchtigkeit / humidity:

33% +20°C

Umgebungstemperatur / temperature:

F Werkstoffe & Zulassungen / material & approvals: G Eigenschaften / general specifications:

Basismaterial / base material:

Endoberfläche / finishing electrode:

Draht / wire:

Ferrit

Class H

Sn/Ag/Cu - 96.5/3.0/0.5%

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

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

It is recommended that the temperature of the part does

not exceed 125°C under worst case operating conditions.

reigabe erteilt / general release:	Kunde / customer			
reigabe erteitt / general reiease.				
		ME	Version 6	09-01-15
		MST	Version 5	08-04-11
Datum / date	Unterschrift / signature	SSt	Version 4	06-11-13
	Würth Elektronik	MST	Version 3	04-10-11
		MST	Version 2	04-08-05
		MPH	Version 1	03-03-28
Geprüft / checked	Kontrolliert / approved	Name	Änderung / modification	Datum / date

Würth Elektronik eiSos GmbH & Co.KG

Spezifikation für Freigabe / specification for release

Kunde / customer :

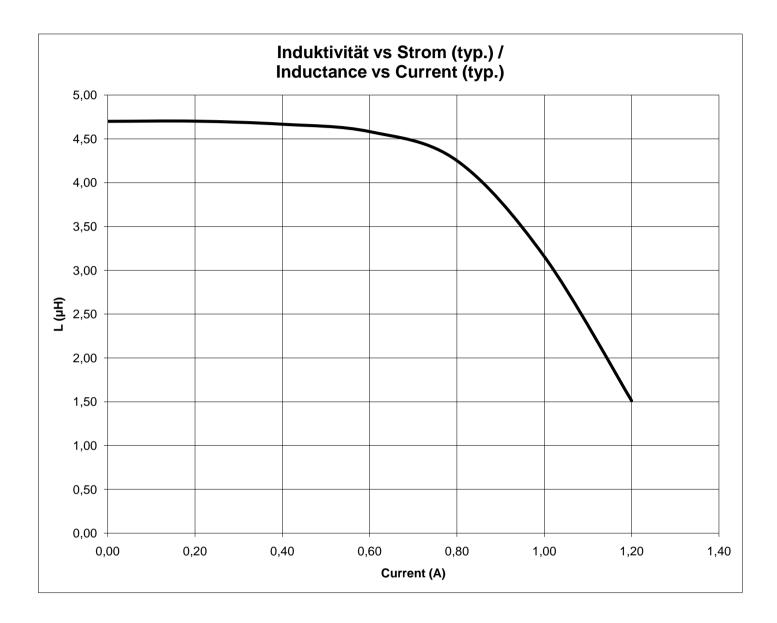
Artikelnummer / part number : 744031004

Bezeichnung : SPEICHERDROSSEL WE-TPC description : POWER-CHOKE WE-TPC



DATUM / DATE : 2009-01-15

H Induktivitätskurve / Inductance curve :



Freigabe erteilt / general release:	Kunde / customer			
reigabe ettent/ general release.				
		ME	Version 6	09-01-15
		MST	Version 5	08-04-11
Datum / date	Unterschrift / signature	SSt	Version 4	06-11-13
	Würth Elektronik	MST	Version 3	04-10-11
		MST	Version 2	04-08-05
		MPH	Version 1	03-03-28
Geprüft / checked	Kontrolliert / approved	Name	Änderung / modification	Datum / date

Würth Elektronik eiSos GmbH & Co.KG

Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number : 744031004

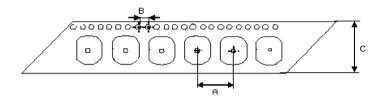
Bezeichnung : SPEICHERDROSSEL WE-TPC description : POWER-CHOKE WE-TPC

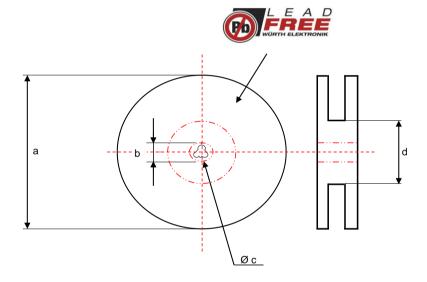


DATUM / DATE : 2009-01-15

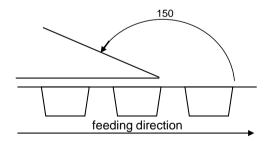
I Rollenspezifikation / tape and reel specification:

Gurtspezifikation / Tape specification:			
Α	8,00 ± 1,0	mm	
В	4,00 ± 0,1	mm	
С	12,0 ± 0,1	mm	





Rollenspezifikation / Reel specification:			
а	178 ± 0,5	mm	
b	20,20 ± 0,1	mm	
С	13,00 ^{+ 0.5} - 1,0	mm	
d	50,0 ± 1,0	mm	



The force for tearing off cover tape is 20 to 70 grams in arrow direction

Freigabe erteilt / general release:	Kunde / customer			
reigabe ertent / general release.				
		ME	Version 6	09-01-15
		MST	Version 5	08-04-11
Datum / date	Unterschrift / signature	SSt	Version 4	06-11-13
	Würth Elektronik	MST	Version 3	04-10-11
		MST	Version 2	04-08-05
		MPH	Version 1	03-03-28
Geprüft / checked	Kontrolliert / approved	Name	Änderung / modification	Datum / date

This electronic component has been designed and developed for usage in general electronic equipment. Before incorporating this component into any equipment where higher safety and reliability is especially required or if there is the possibility of direct damage or injury to human body, for example in the range of aerospace, aviation, nudear control, submarine, transportation, (automotive control, train control, ship control), transportation signal, disaster prevention, medical, public information network etc, Würth Elektronik eiSos GmbH must be informed before the design-in stage. In addition, sufficient reliability evaluation checks for safety must be performed on every electronic component which is used in electrical circuits that require high safety and reliability functions or performance.

Würth Elektronik eiSos GmbH & Co.KG