

Spezifikation für Freigabe / specification for release

Kunde / customer :

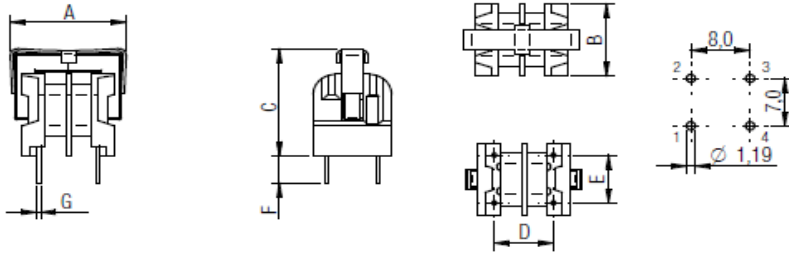
Artikelnummer / part number : **744862180**



Bezeichnung : **STROMKOMPENSIERTE DROSSEL WE-TFC**
 description : **CURRENT-COMPENSATED CHOKE WE-TFC**

DATUM / DATE : 2010-12-12

A Mechanische Abmessungen / mechanical dimensions:

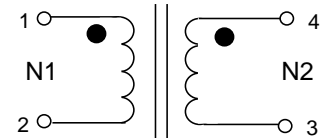


		Gehäuse / case: UT	
A	17,00 max	mm	
B	11,00 max	mm	
C	17,00 max	mm	
D	8,00 ± 0,2	mm	
E	7,00 ± 0,2	mm	
F	4,00 max	mm	
G	0,60 typ	mm	

B Elektrische Eigenschaften / electrical properties:

C Schaltbild / schematic:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Induktivität / inductance	10 kHz / 100 mV / 20°C	L_O	18,00	mH	+50 / -30%
DC-Widerstand / DC-resistance	@ 20 °C	R_{DC}	3,10	Ω	max.
Nennstrom / rated current	@ 70 °C	I_R	0,30	A	max.
Nennspannung / rated voltage	50 Hz	U_R	250	V_{AC}	max.



D Prüfgeräte / test equipment:

E Testbedingungen / test conditions:

WAYNE KERR WK3260B/WK3265 für / for L_O und / and R_{DC}
HP 34401 A für / for I_R

Luftfeuchtigkeit / humidity: 33%
 Umgebungstemperatur / ambient temperature: 20°C
 Prüfspannung / insulation test voltage: 2000V, 50Hz

F Werkstoffe & Zulassungen / material & approvals:

G Eigenschaften / general specifications:

Gehäuse / case: UL94V-0
 Draht / wire: Polysol 155-N
 Kern / core: MnZn-Ferrite / MnZn ferrite

Klimabeständigkeit/ climatic class: 40/125/21
 Betriebstemp. / operating temperature: -40°C - +125°C
 Übertemperatur / temperature rise: < 55K
 It is recommended that the temperature of the part does not exceed 125°C under worst case operating conditions.

Freigabe erteilt / general release	Kunde / customer			
		
Datum / date	Würth Elektronik	Unterschrift / signature		
		
Geprüft / checked	Würth Elektronik	Kontrolliert / approved	MKe	Version 01
	Name	Änderung / modification
				Datum / date
				12.12.2010

Würth Elektronik eiSos GmbH & Co. KG

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<http://www.we-online.com>

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Kunde / customer :

Artikelnummer / part number : **744862180**

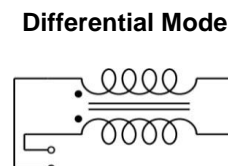
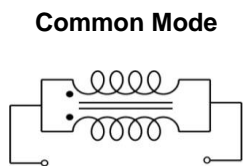
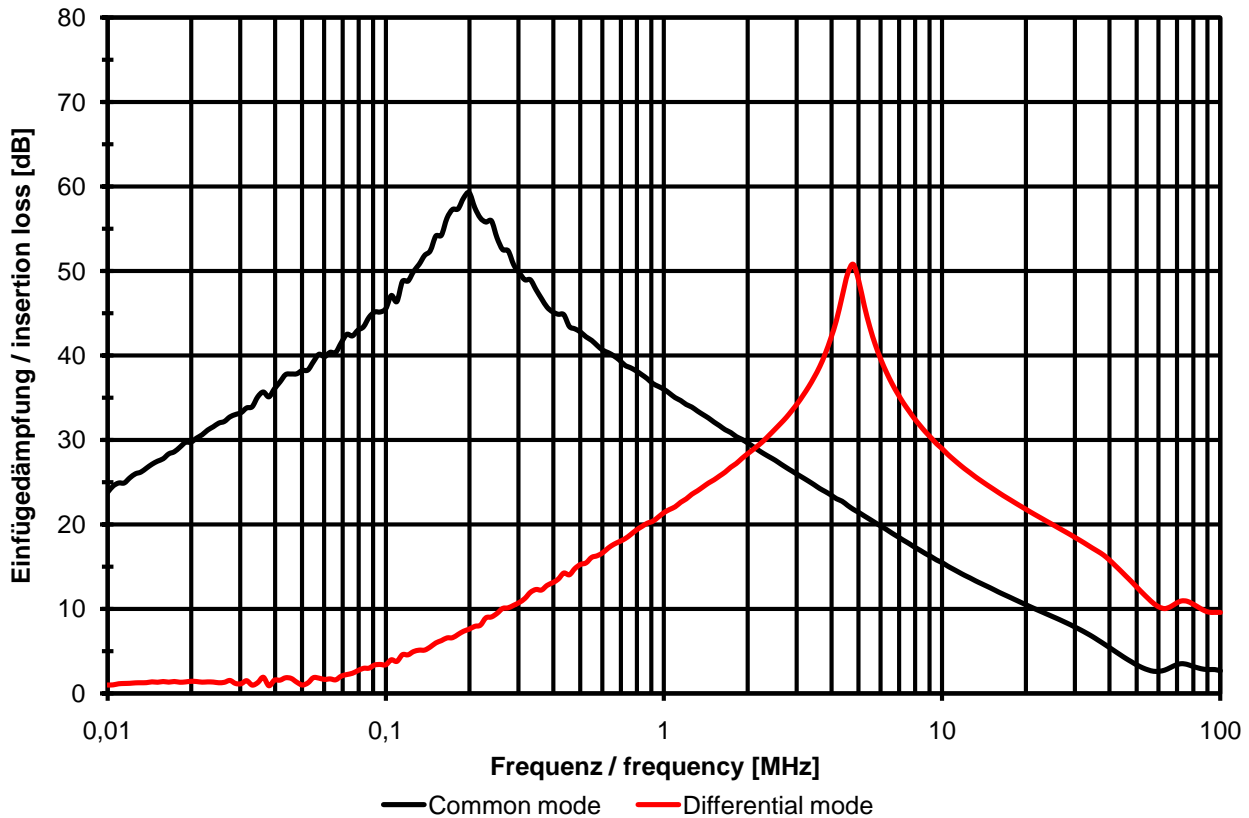
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H Einfügedämpfung / insertion loss:

Typische Einfügedämpfung / typical insertion loss



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Geprüft / checked	Kontrolliert / approved	MKe	Version 01	12.12.2010
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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 aero space, aviation, nuclear 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.

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