

# Spezifikation für Freigabe / specification for release

Kunde / customer :

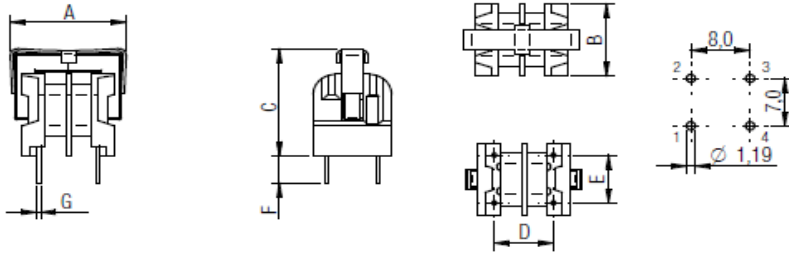
Artikelnummer / part number : **744862250**



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

DATUM / DATE : 2010-12-12

## A Mechanische Abmessungen / mechanical dimensions:

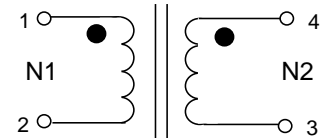


		Gehäuse / case: UT	
A	<b>17,00 max</b>	mm	
B	<b>11,00 max</b>	mm	
C	<b>17,00 max</b>	mm	
D	<b>8,00 ± 0,2</b>	mm	
E	<b>7,00 ± 0,2</b>	mm	
F	<b>4,00 max</b>	mm	
G	<b>0,60 typ</b>	mm	

## 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	$L_O$	<b>25,00</b>	mH	+50 / -30%
DC-Widerstand / DC-resistance	@ 20 °C	$R_{DC}$	<b>3,60</b>	$\Omega$	max.
Nennstrom / rated current	@ 70 °C	$I_R$	<b>0,25</b>	A	max.
Nennspannung / rated voltage	50 Hz	$U_R$	<b>250</b>	$V_{AC}$	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	<b>Kunde / customer</b>			
	Unterschrift / signature			
Datum / date	<b>Würth Elektronik</b>			
Geprüft / checked	Kontrolliert / approved	MKe	Version 01	12.12.2010
		Name	<b>Änderung / modification</b>	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>

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Artikelnummer / part number : **744862250**

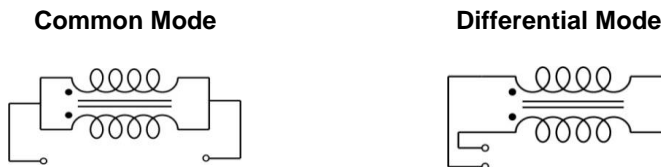
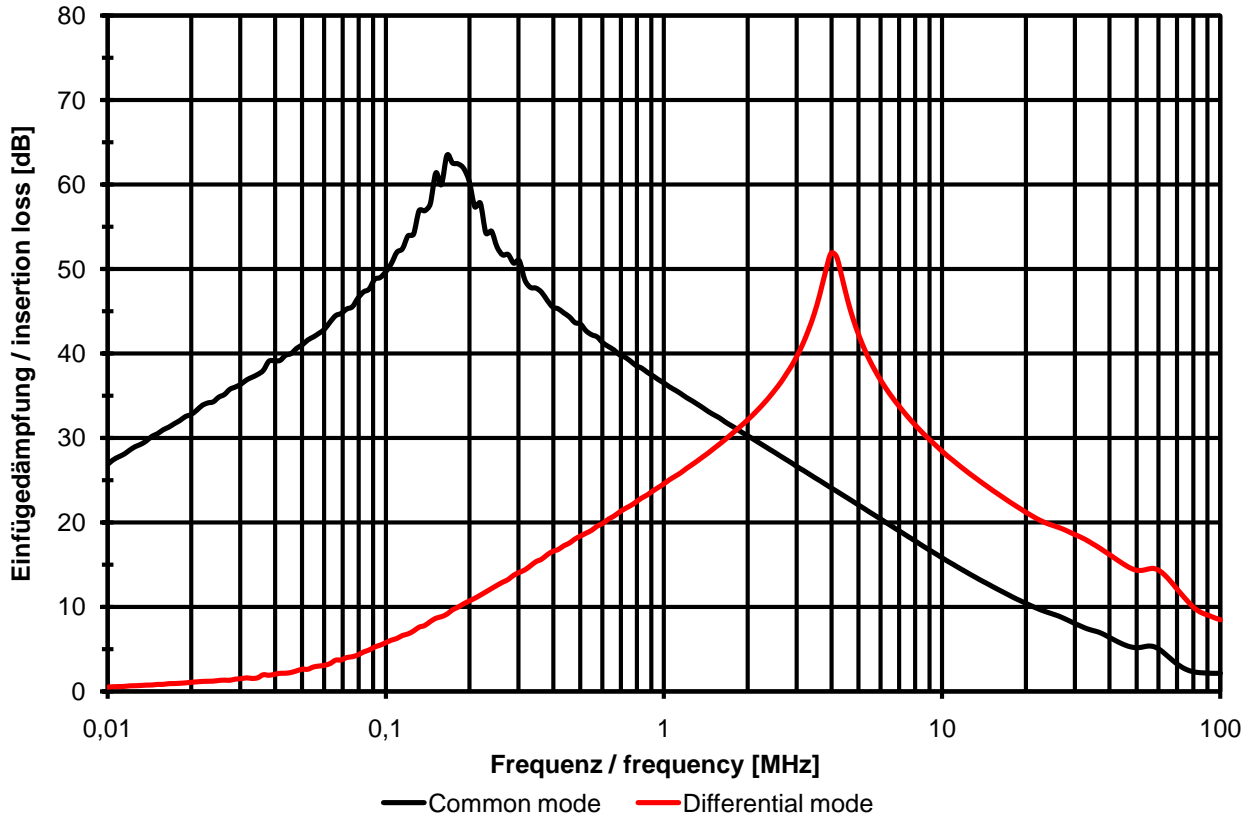
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## H Einfügedämpfung / insertion loss:

### Typische Einfügedämpfung / typical insertion loss



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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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