

# Spezifikation für Freigabe / specification for release

Kunde / customer :

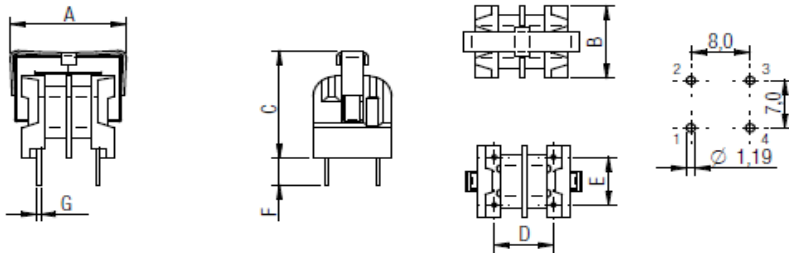
Artikelnummer / part number : **744862120**



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

DATUM / DATE : 2010-12-12

## A Mechanische Abmessungen / mechanical dimensions:

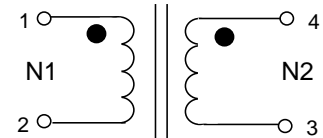


		Gehäuse / case: UT	
A	<b>17,00 max</b>	mm	
B	<b>11,00 max</b>	mm	
C	<b>17,00 max</b>	mm	
D	<b>8,00 ± 0,2</b>	mm	
E	<b>7,00 ± 0,2</b>	mm	
F	<b>4,00 max</b>	mm	
G	<b>0,60 typ</b>	mm	

## 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>12,00</b>	mH	+50 / -30%
DC-Widerstand / DC-resistance	@ 20 °C	$R_{DC}$	<b>2,00</b>	$\Omega$	max.
Nennstrom / rated current	@ 70 °C	$I_R$	<b>0,40</b>	A	max.
Nennspannung / rated voltage	50 Hz	$U_R$	<b>250</b>	$V_{AC}$	max.



## D Prüfgeräte / test equipment:

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

## E Testbedingungen / test conditions:

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

## F Werkstoffe & Zulassungen / material & approvals:

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

## G Eigenschaften / general specifications:

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	Unterschrift / signature				
	Würth Elektronik				
			MKe	Version 01	12.12.2010
Geprüft / checked	Kontrolliert / approved		Name	Änderung / modification	Datum / date

## Würth Elektronik eiSos GmbH & Co. KG

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

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Artikelnummer / part number : **744862120**

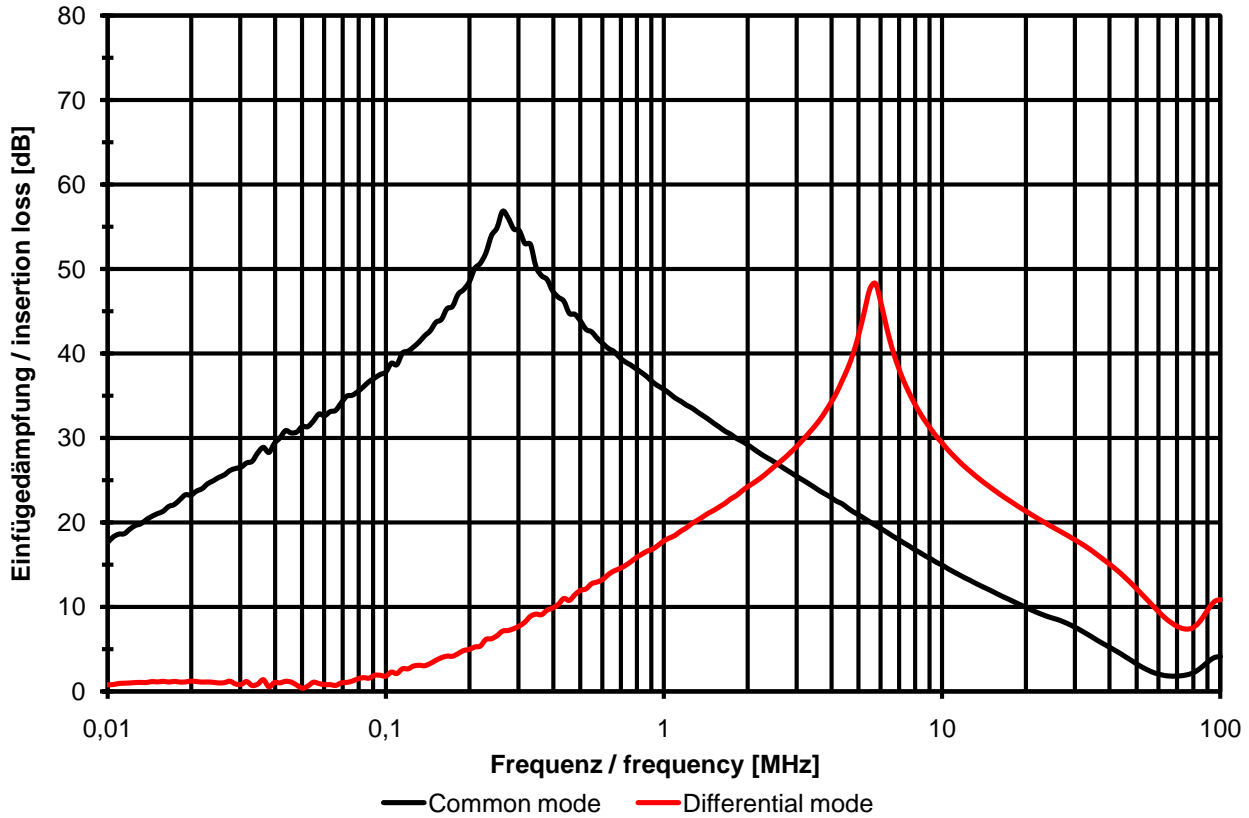
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## H Einfügedämpfung / insertion loss:

### 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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