Spezifikation für Freigabe / specification for release

Kunde / customer :
Artikelnummer / part number : **7448640417**

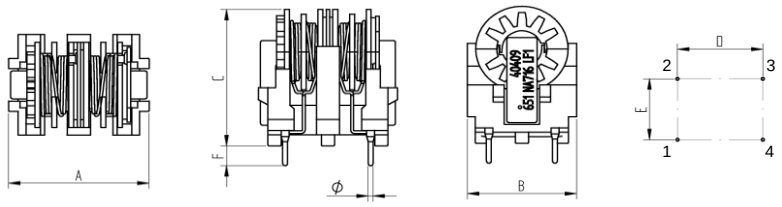
Bezeichnung : **STROMKOMPENSIERTE DROSSEL WE-FC**
description : **CURRENT-COMPENSATED CHOKE WE-FC**

compliant RoHS WÜRTH ELEKTRONIK

WÜRTH ELEKTRONIK

DATUM / DATE : 2011-09-01

A Mechanische Abmessungen / dimensions:

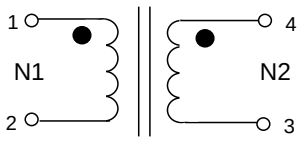


	Gehäuse / case: UT	
A	**21,2 max**	mm
B	**16,6 max**	mm
C	**22,5 max**	mm
D	**13,0 ± 0,2**	mm
E	**10,0 ± 0,2**	mm
F	**4,5 max**	mm
ø	**0,8 typ**	mm

B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Leerlauf-Induktivität / inductance	**10 kHz / 100 mV / 20°C**	L_O	**22,00**	mH	**min**
DC-Widerstand / DC-resistance	**@ 20 °C**	R_{DC}	**1,64**	Ω	**±15%**
Nennstrom / rated current	**@ 70 °C**	I_N	**0,40**	A	
Nennspannung / rated voltage	**50 Hz**	U_N	**250**	V	

C Schaltbild / schematic:



D Prüfgeräte / test equipment:

WAYNE KERR WK3260B/WK3265 für/for L_O und/and R_{DC}

HP 34401 A für/for IN

E Testbedingungen / test conditions:

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

F Werkstoffe & Zulassungen / material & approvals:

Gehäuse / case:	UL94V-0
Draht / wire:	P155 IEC317-20
Kern / core	MnZn-Ferrite / MnZn ferrite

G Eigenschaften / general specifications:

Klimabeständigkeit/ climatic class:	40/125/21
Betriebstemp. / operating temperature:	-25°C - + 125°C
Übertemperatur / temperature rise:	< 55 K

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	
.....	.....
Geprüft / checked	Kontrolliert / approved

Name	Änderung / modification	Datum / date
HasA	Version 2	11-09-01
MST	Version 1	09-08-06

This electronic component has been designed and developed for usage in general electronic equipment. Before incorporating thi s 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.

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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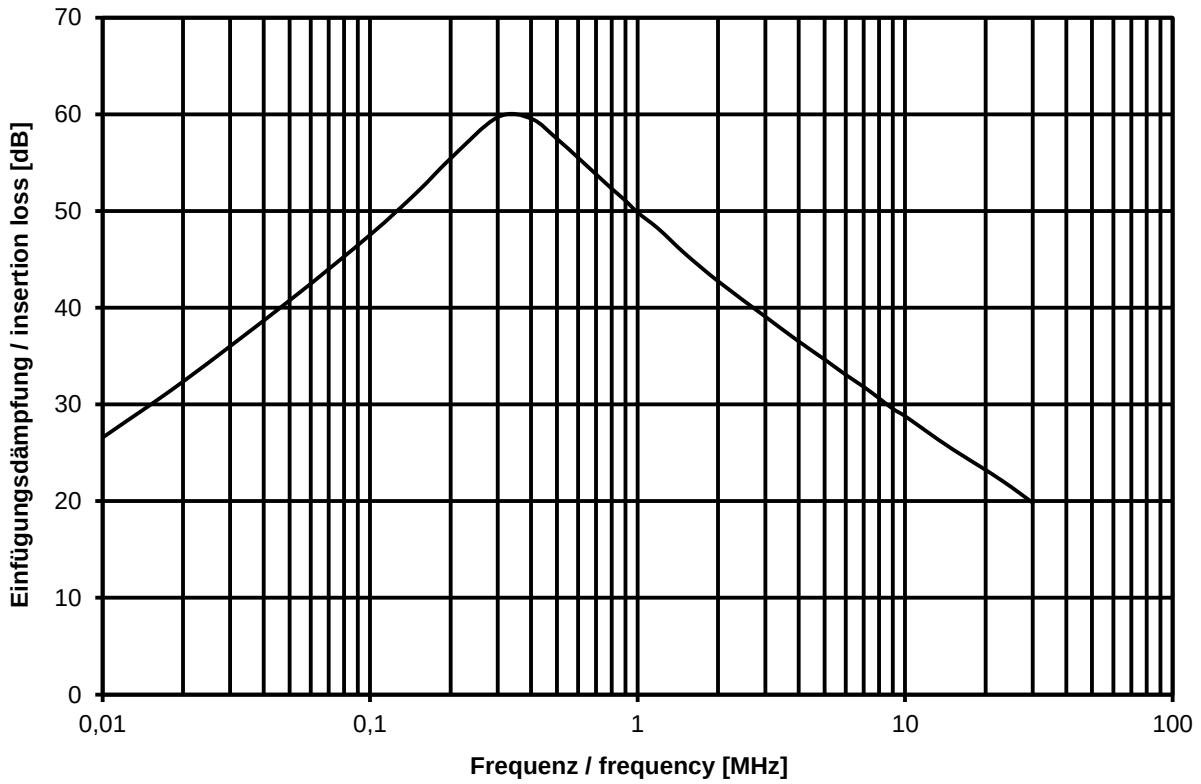
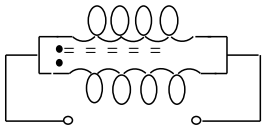
H Einfügungsdämpfung / insertion loss:

typischer Dämpfungsverlauf / typical attenuation curve



common mode



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		HasA	Version 2	11-09-01
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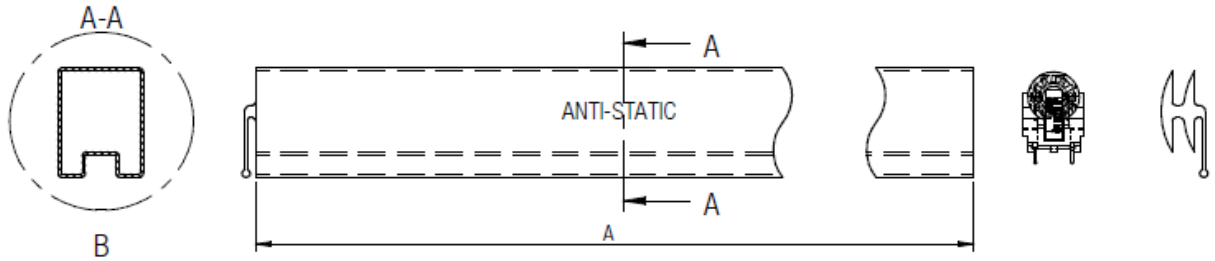
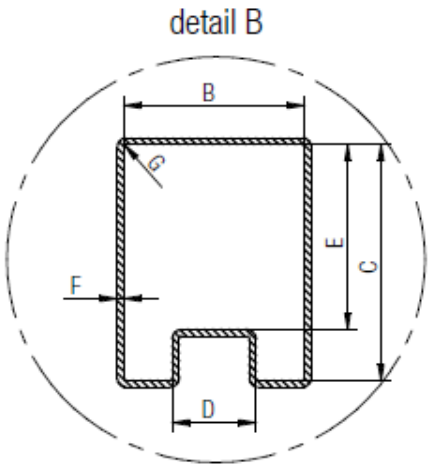
I Stangenspezifikation / tube specification:

		A	B	C	D	E	F	G	Tube	Packaging Unit
tolerance		± 1,0	ref.	ref.	± 0,5	ref.	± 0,1	max.		
Tube size	**74486404xx**	523,00	21,60	29,10	10,00	22,80	0,80	0,30	PVC	29





Freigabe erteilt / general release:	**Kunde / customer**			
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