

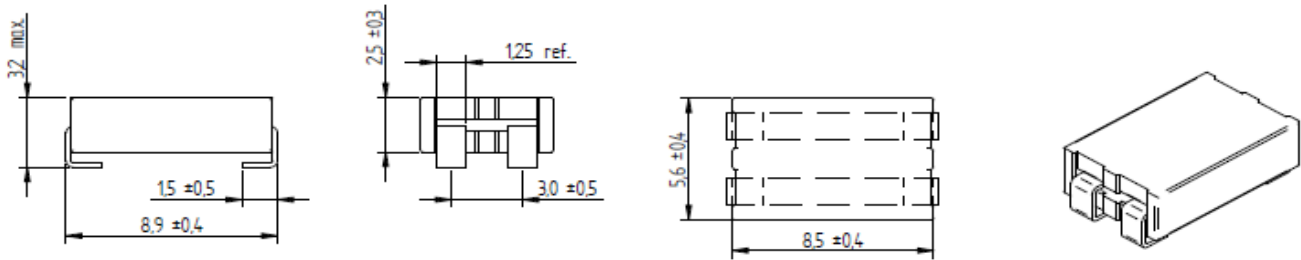
Spezifikation für Freigabe / specification for release

Kunde / customer : _____
 Artikelnummer / part number : **7427521**
 Bezeichnung : **STROMKOMPENSIERTER SMD FERRIT WE-CMS**
 description : **COMMON MODE SMD BEAD WE-CMS**



DATUM / DATE : 2010-07-23

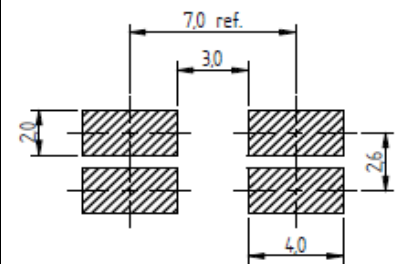
A Mechanische Abmessungen / dimensions:



B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingung n / test		Wert / value	Einheit / unit	tol.
Impedanz @ 2 x 1 Wg./ impedance @ 2 x 1 turn	25 MHz	Z	34	Ω	±25%
Impedanz @ 2 x 1 Wg./ impedance @ 2 x 1 turn	100 MHz	Z	52	Ω	±25%
Impedanz @ 1 x 2 Wg./ impedance @ 1 x 2 turn	25 MHz	Z	136	Ω	±25%
Impedanz @ 1 x 2 Wg./ impedance @ 1 x 2 turn	100 MHz	Z	211	Ω	±25%
Nennstrom / Rated Current		I _{DC}	5	A	max.
DC-Widerstand / DC-resistance		R _{DC}	3	mΩ	max.

C Lötpad / soldering spec.:



D Prüfgeräte / test equipment:

E4991A für/for Z und/and material
HP 34401 A für/for R_{DC} und/and IDC

E Testbedingungen / test conditions:

Luftfeuchtigkeit / humidity: 33%
 Umgebungstemperatur / temperature: +20°C

F Werkstoffe & Zulassungen / material & approvals:

Basismaterial / base material: 5W300
 Draht / wire: Φ0.2 T.C.W*1.25*14mm

G Eigenschaften / general specifications:

Curietemperatur / curie temperature: > 140°C
 Betriebstemp. / operating temperature: -55°C - +125°C
 Lagertemperatur / storage temperature: -20°C - + 60°C*
 * vor Verarbeitung

Freigabe erteilt / general release:	Kunde / customer		
		
Datum / date	Unterschrift / signature		
	Würth Elektronik		
		
Geprüft / checked	Kontrolliert / approved	SMu	Version 8 10-07-23
		SFr	Neugestaltung 03-02-25
		Name	Änderung / modification 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
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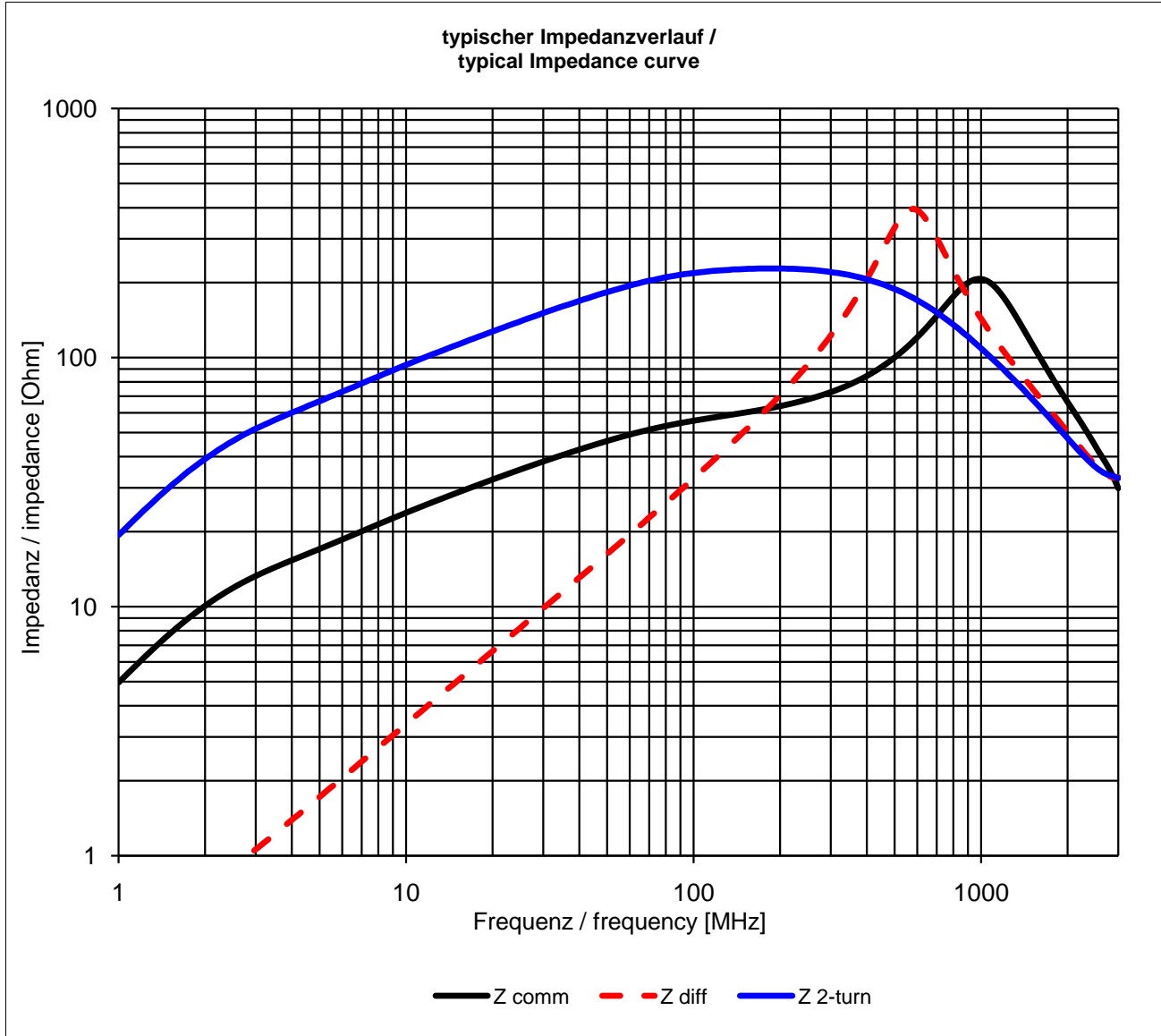
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WÜRTH ELEKTRONIK

DATUM / DATE : 2010-07-23

H Impedanzverlauf / impedance curve:



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.....			
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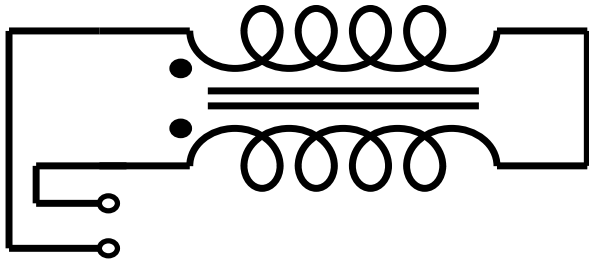
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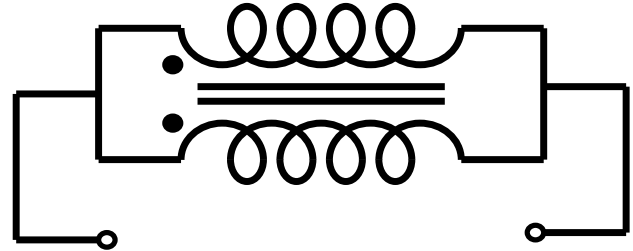
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H Schaltungslayout / schematic:

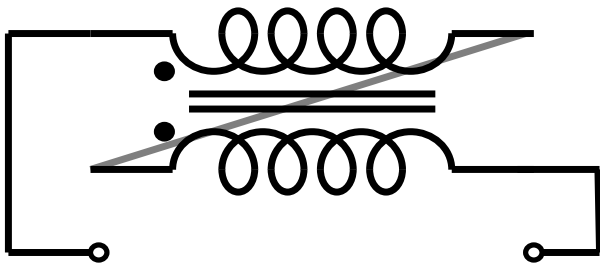
Differential Mode



Common Mode



2 Turns



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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 aerospace, 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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