

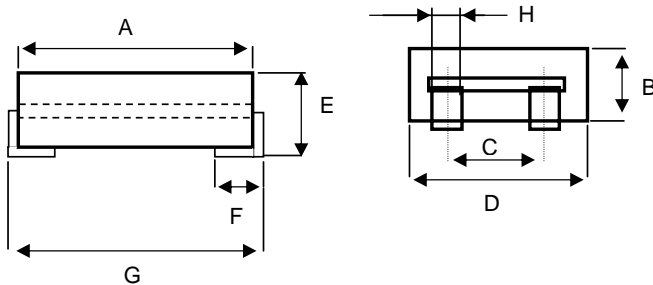
# Spezifikation für Freigabe / specification for release

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



DATUM / DATE : 2008-04-22

## A Mechanische Abmessungen / dimensions:

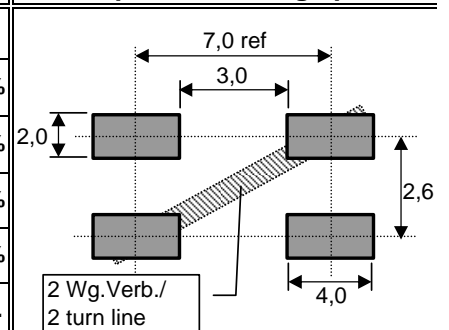


A	<b>8,5 ± 0,4</b>	mm
B	<b>2,5 ± 0,3</b>	mm
C	<b>3,0 ± 0,5</b>	mm
D	<b>5,6 ± 0,4</b>	mm
E	<b>3,2 max.</b>	mm
F	<b>1,5 ± 0,5</b>	mm
G	<b>8,9 ± 0,4</b>	mm
H	<b>1,25 ref.</b>	mm

## B Elektrische Eigenschaften / electrical properties:

## C Lötpad / soldering spec.:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	
Impedanz @ 2 x 1 Wg./ impedance @ 2 x 1 turn	<b>25 MHz</b>	Z	<b>34</b>	Ω	<b>±25%</b>
Impedanz @ 2 x 1 Wg./ impedance @ 2 x 1 turn	<b>100 MHz</b>	Z	<b>52</b>	Ω	<b>±25%</b>
Impedanz @ 1 x 2 Wg./ impedance @ 1 x 2 turn	<b>25 MHz</b>	Z	<b>136</b>	Ω	<b>±25%</b>
Impedanz @ 1 x 2 Wg./ impedance @ 1 x 2 turn	<b>100 MHz</b>	Z	<b>211</b>	Ω	<b>±25%</b>
Nennstrom / Rated Current		I <sub>DC</sub>	<b>5</b>	A	<b>max.</b>
DC-Widerstand / DC-resistance		R <sub>DC</sub>	<b>3</b>	mΩ	<b>max.</b>



## D Prüfgeräte / test equipment:

## E Testbedingungen / test conditions:

**HP 4191 B** für/for Z und/and material  
**16092A** - Klemme / clamp

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

## F Werkstoffe & Zulassungen / material & approvals:

## G Eigenschaften / general specifications:

Basismaterial / base material: Ferrit / ferrite (5W300)

Curietemperatur / curie temperature: 140 °C  
 Lagertemperatur / storage temperature: -20°C - + 60°C  
 Betriebstemp. / operating temperature: -40°C - +85°C

Freigabe erteilt / general release:	<b>Kunde / customer</b>	SMU	Update	08-04-22
		LF	Add Temp range	05-08-09
Datum / date	<b>Würth Elektronik</b>	SST	add name	05-03-17
		LF	Solder PAD	05-03-09
Geprüft / checked	Kontrolliert / approved	LF	RoHS Update	04-10-11
		LF	Add dim.H	04-04-28
		SST	Erweiterung/Amendment	04-02-16
		sfr	Neugestaltung	03-02-25
		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  
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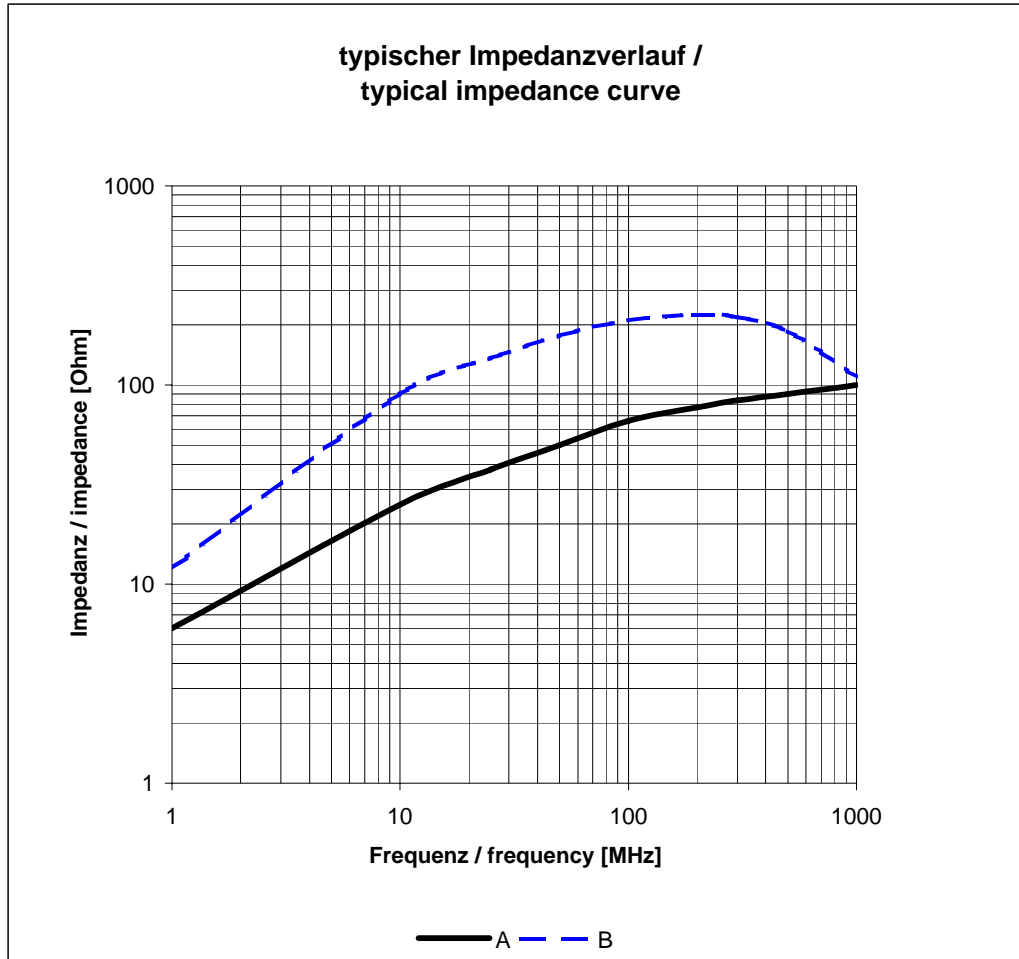
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## H Impedanzverlauf / impedance curve:



**A: 1 Windung / 1 turn**

**B: 2 Windungen / 2 turns**

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		LF	Add Temp range	05-08-09
		SST	add name	05-03-17
Datum / date	Unterschrift / signature	LF	Solder PAD	05-03-09
	<b>Würth Elektronik</b>	LF	RoHS Update	04-10-11
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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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