

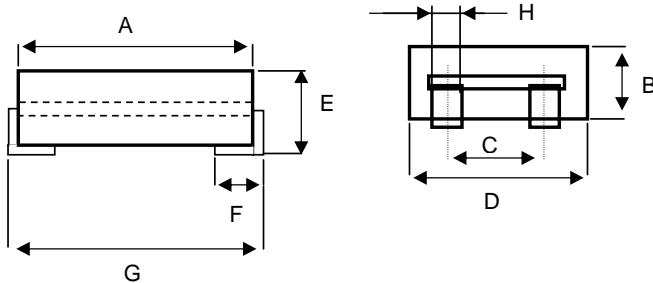
Spezifikation für Freigabe / specification for release

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:

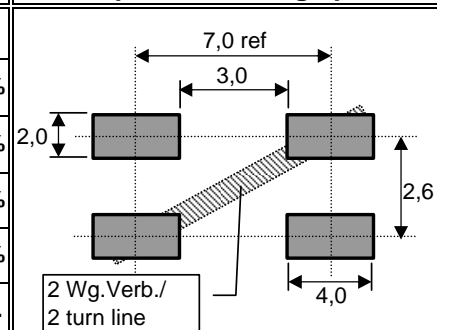


A	8,5 ± 0,4	mm
B	2,5 ± 0,3	mm
C	3,0 ± 0,5	mm
D	5,6 ± 0,4	mm
E	3,2 max.	mm
F	1,5 ± 0,5	mm
G	8,9 ± 0,4	mm
H	1,25 ref.	mm

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	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.



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:		Kunde / customer		
.....	.....	SMU	Update	08-04-22
.....	.....	LF	Add Temp range	05-08-09
.....	.....	SST	add name	05-03-17
.....	.....	LF	Solder PAD	05-03-09
.....	.....	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	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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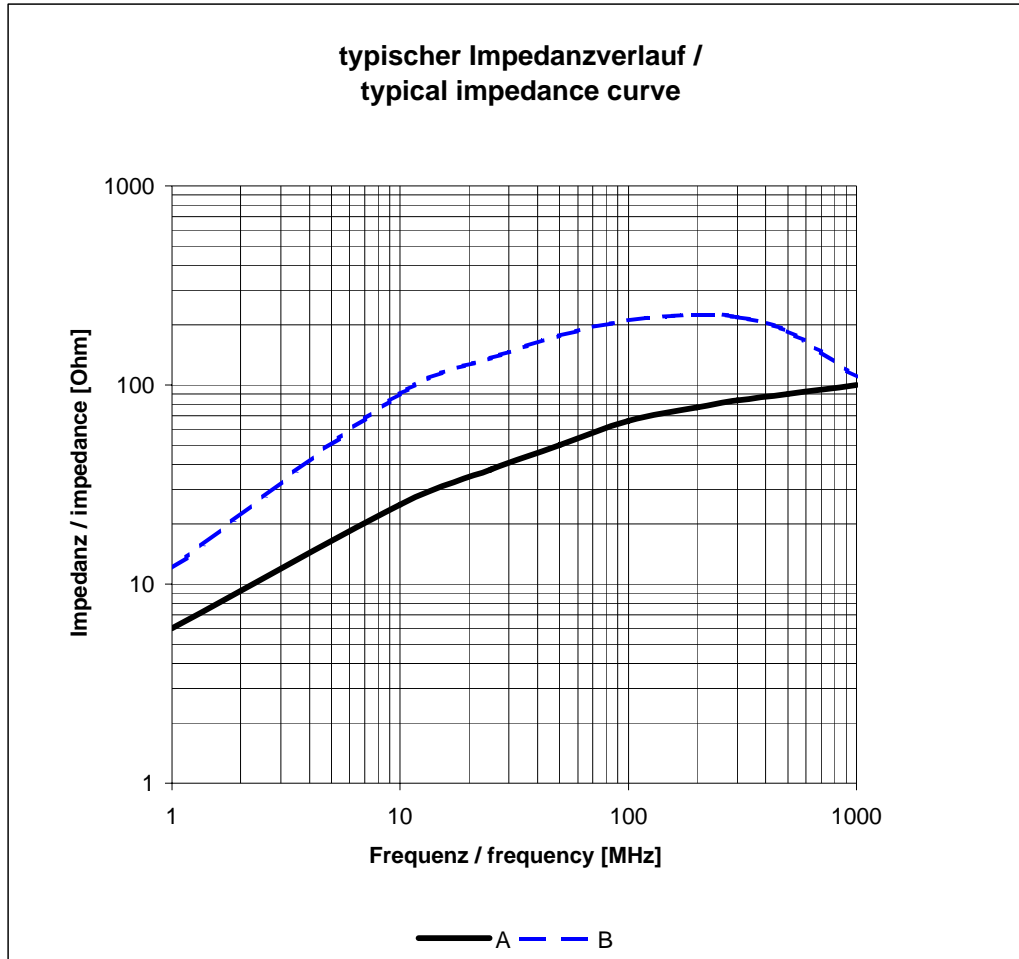
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H Impedanzverlauf / impedance curve:



A: 1 Windung / 1 turn

B: 2 Windungen / 2 turns

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

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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