

# Spezifikation für Freigabe / specification for release

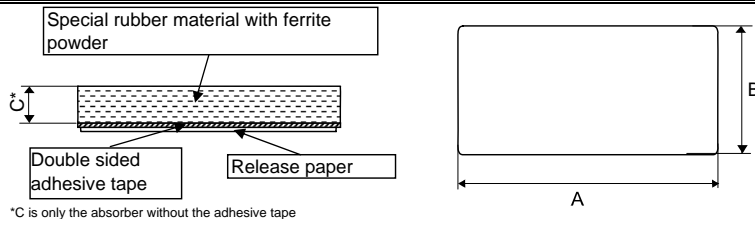
Kunde / customer : \_\_\_\_\_  
 Artikelnummer / part number : **30405**  
 Bezeichnung : **Flexible Absorber-Ferritplatte**  
 description : **Flexible ferrite absorber plate**

LF



DATUM / DATE : 2008-10-29

## A Mechanische Abmessungen / dimensions:



\*C is only the absorber without the adhesive tape

A	<b>300 ± 2</b>	mm
B	<b>230 ± 2</b>	mm
C	<b>0,50 ± 0,05</b>	mm
D		mm
E		mm

## B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit
Permeabilität permability		μr	<b>15</b>	
DC-Widerstand / DC-resistance	<b>ASTM D257</b>	RDC	<b>2,0x10<sup>10</sup></b>	Ω-cm
Isolierungswiderstand insulation resistance			<b>0,01x10<sup>12</sup></b>	Ω
Spezifische Dichte Specific Gravity			<b>4 typ.</b>	
Di. Durchschlafest./ Dielectric strength	<b>ASTM D149</b>		<b>2.3</b>	kV
Dehnfestigkeit / Elongation			<b>60</b>	%
Härtegrad / Hardness	<b>JIS K 6253</b>		<b>90</b>	
Reißfestigkeit tensile strenght			<b>47</b>	Mpa

## C

## D Prüfgeräte / test equipment:

**Agilent E5071B Network Analyser**  
**Agilent E4991B Material Analyser**

## E Testbedingungen / test conditions:

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

## F Werkstoffe & Zulassungen / material & approvals

Basismaterial / base material: **UL 94V-0**

## G Eigenschaften / general specifications:

Lagertemperatur / storage temperature: **-40°C - +85°C**  
 Betriebstemp. / operating temperature: **-40°C - +85°C**

Freigabe erteilt / general release:	<b>Kunde / customer</b>			
	.....			
Datum / date	Unterschrift / signature		RT	Update
	<b>Würth Elektronik</b>		SST	RoHS Update
	.....		LF	Temp. Range
Geprüft / checked	Kontrolliert / approved		LF	Neugestaltung
	.....		Name	Änderung / modification
				Datum / date

**Würth Elektronik eiSos GmbH & Co. KG**

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

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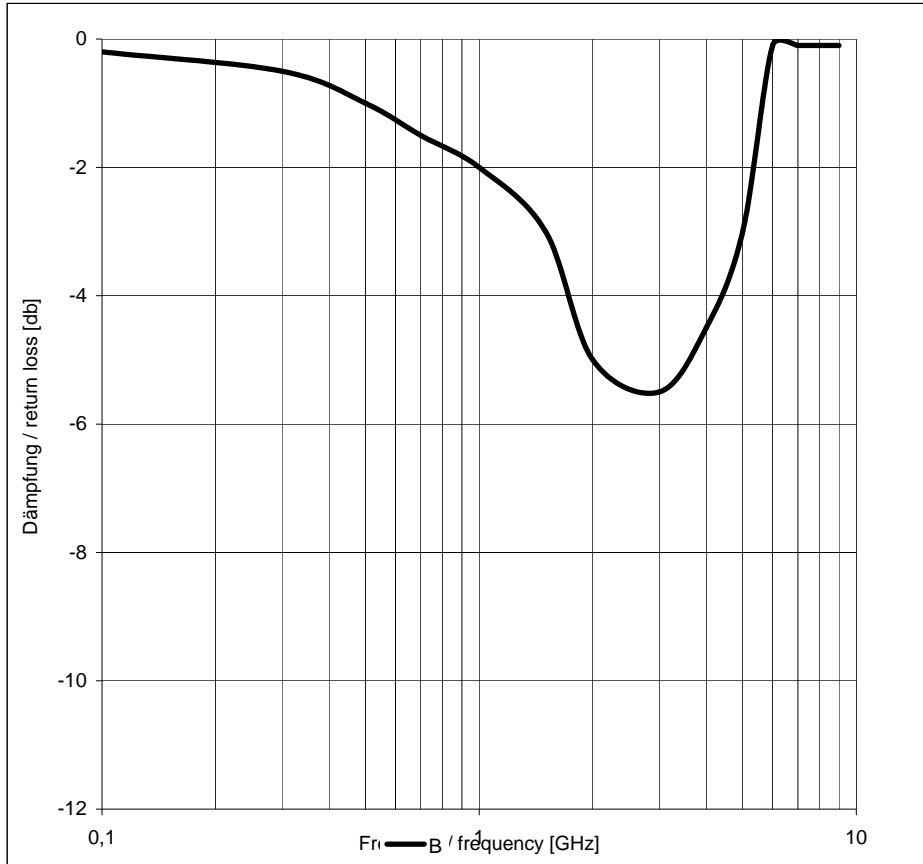
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## H Impedanzverlauf / impedance curve:



B:

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Datum / date	Unterschrift / signature	RT	Update	08-10-29
	<b>Würth Elektronik</b>	SST	RoHS Update	04-10-11
		LF	Temp. Range	04-06-01
		LF	Neugestaltung	00-12-06
Geprüft / checked	Kontrolliert / approved	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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