

Spezifikation für Freigabe / specification for release

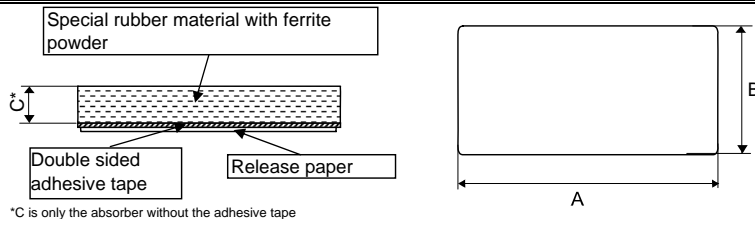
Kunde / customer : _____
 Artikelnummer / part number : **30410**
 Bezeichnung : **Flexible Absorber-Ferritplatte**
 description : **Flexible ferrite absorber platte**

LF



DATUM / DATE : 2008-10-29

A Mechanische Abmessungen / dimensions:



| | | |
|---|------------------|----|
| A | 300 ± 2 | mm |
| B | 230 ± 2 | mm |
| C | 1,0 ± 0,1 | mm |
| D | | mm |
| E | | mm |
| | | |
| | | |

B Elektrische Eigenschaften / electrical properties:

| Eigenschaften / properties | Testbedingungen / test conditions | | Wert / value | Einheit / unit |
|---|-----------------------------------|-----|-----------------------------|----------------|
| Permeabilität permability | | μr | 15 | |
| DC-Widerstand / DC-resistance | ASTM D257 | RDC | 2,0x10¹⁰ | Ω-cm |
| Isolierungswiderstand insulation resistance | | | 0,01x10¹² | Ω |
| Spezifische Dichte Specific Gravity | | | 4 typ. | |
| Di. Durchschlafsfest./ Dielectric strength | ASTM D149 | | 2.3 | kV |
| Dehnfestigkeit / Elongation | | | 60 | % |
| Härtegrad / Hardness | JIS K 6253 | | 90 | |
| Reißfestigkeit tensile strenght | | | 47 | 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: | Kunde / customer | | | |
| | | | | |
| Datum / date | Unterschrift / signature | | RT | Update |
| | Würth Elektronik | | SST | RoHS Update |
| | | | LF | Temp. Range |
| Geprüft / checked | Kontrolliert / approved | | LF | Neugestaltung |
| | | | 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
<http://www.we-online.com>

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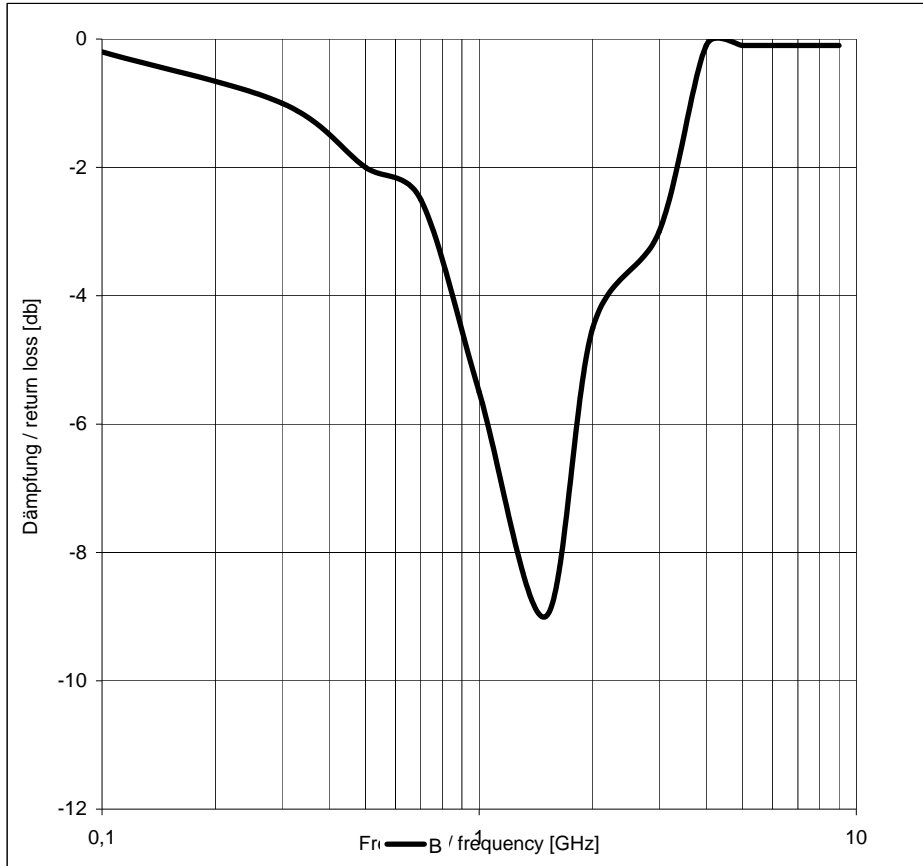
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H Impedanzverlauf / impedance curve:



B:

| | | | | |
|-------------------------------------|--------------------------|------|-------------------------|--------------|
| Freigabe erteilt / general release: | Kunde / customer | | | |
| Datum / date | Unterschrift / signature | RT | Update | 08-10-29 |
| | Würth Elektronik | SST | RoHS Update | 04-10-11 |
| Geprüft / checked | Kontrolliert / approved | LF | Temp. Range | 04-06-01 |
| | | LF | Neugestaltung | 00-12-06 |
| | | 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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