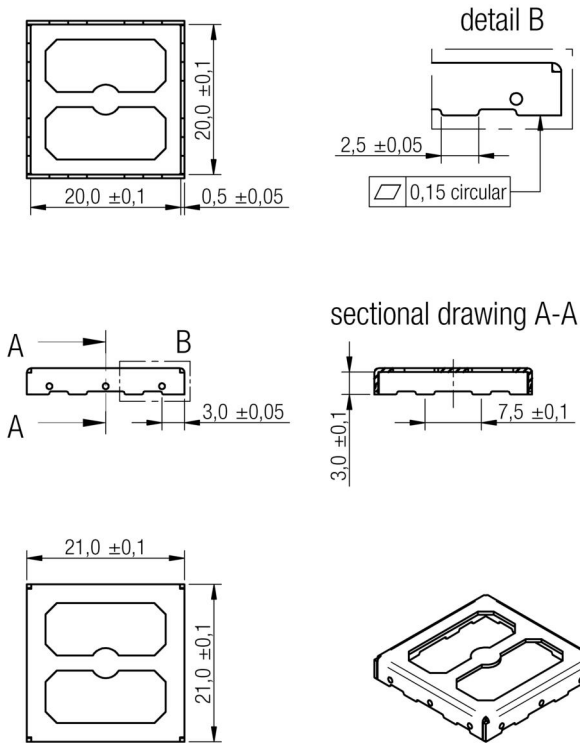
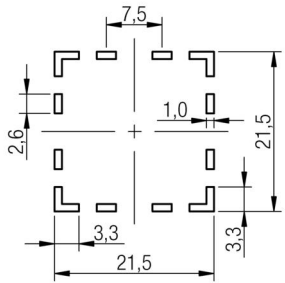


A Dimensions: [mm]

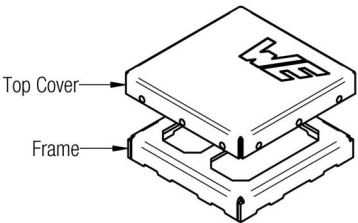


B Recommended land pattern: [mm]



Scale - 1:1

C Assembly with SMD Frame:



Scale - 1:1



D Properties:

| Properties              | Test conditions | Value | Unit | Tol. |
|-------------------------|-----------------|-------|------|------|
| Shielding Effectiveness | 500MHz - 3GHz   | 60    | dB   | max. |
| Hardness                | HR30TM          | 58.03 |      |      |

E General information:

Storage Temperature: -20°C to 60°C  
Operating Temperature: -40°C to 125°C  
Shielding effectiveness based on MIL-STD-225  
Test conditions of Electrical Properties: 25°C, 33% RH  
if not specified differently

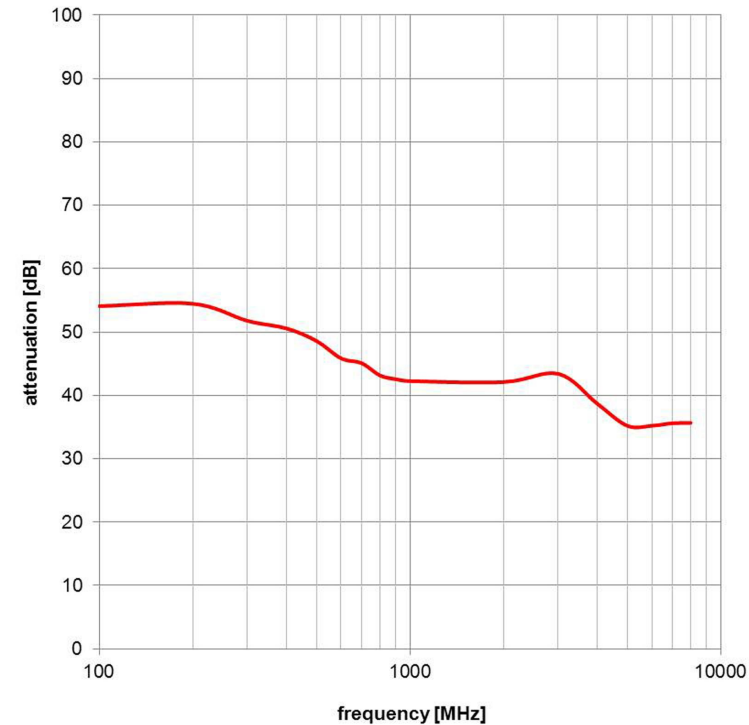
|                  |                    |
|------------------|--------------------|
| Basic material   | tin plate          |
| Surface material | tin-plated surface |

|  |  |  |  |            |  |                                 |
|--|--|--|--|------------|--|---------------------------------|
|  |  |  |  | Projection |  | DESCRIPTION                     |
|  |  |  |  |            |  | <b>WE-SHC Shielding Cabinet</b> |
|  |  |  |  |            |  | Order.- No.                     |
|  |  |  |  |            |  | <b>36103205</b>                 |
|  |  |  |  |            |  | SIZE                            |
|  |  |  |  |            |  | A4                              |
|  |  |  |  |            |  |                                 |

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F Typical Shielding Effectiveness:



measurement based on assembled top cover with SMD frame according to IEEE STD 299

|     |            |     |         |                                                                                                                                                                                               |  |                                 |      |
|-----|------------|-----|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------|------|
|     |            |     |         | Projection                                                                                                                                                                                    |  | DESCRIPTION                     |      |
|     |            |     |         |                                                                                                                                                                                               |  |                                 |      |
|     |            |     |         | Würth Elektronik eiSos GmbH & Co. KG<br>EMC & Inductive Solutions<br>Max-Eyth-Str. 1<br>74638 Waldenburg<br>Germany<br>Tel. +49 (0) 79 42 945 - 0<br>www.we-online.com<br>eiSos@we-online.com |  | <b>WE-SHC Shielding Cabinet</b> |      |
| 3.1 | 2012-12-04 | SSt | SSt     |                                                                                                                                                                                               |  |                                 |      |
| 3.0 | 2012-11-26 | SSt | WJ      |                                                                                                                                                                                               |  | Order.- No.                     | SIZE |
| 2.0 | 2010-06-18 | WJ  |         |                                                                                                                                                                                               |  | <b>36103205</b>                 | A4   |
| REV | DATE       | BY  | CHECKED |                                                                                                                                                                                               |  |                                 |      |

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Some goods within the product range of Würth Elektronik eiSos GmbH & Co. KG contain statements regarding general suitability for certain application areas. These statements about suitability are based on our knowledge and experience of typical requirements concerning the areas, serve as general guidance and cannot be estimated as binding statements about the suitability for a customer application. The responsibility for the applicability and use in a particular customer design is always solely within the authority of the customer. Due to this fact it is up to the customer to evaluate, where appropriate to investigate and decide whether the device with the specific product characteristics described in the product specification is valid and suitable for the respective customer application or not.

### 2. Customer Responsibility related to Specific, in particular Safety-Relevant Applications

It has to be clearly pointed out that the possibility of a malfunction of electronic components or failure before the end of the usual lifetime cannot be completely eliminated in the current state of the art, even if the products are operated within the range of the specifications.

In certain customer applications requiring a very high level of safety and especially in customer applications in which the malfunction or failure of an electronic component could endanger human life or health it must be ensured by most advanced technological aid of suitable design of the customer application that no injury or damage is caused to third parties in the event of malfunction or failure of an electronic component.

Therefore, customer is cautioned to verify that data sheets are current before placing orders. The current data sheets can be downloaded at [www.we-online.com](http://www.we-online.com).

### 3. Best Care and Attention

Any product-specific notes, cautions and warnings must be strictly observed. Any disregard will result in the loss of warranty.

### 4. Customer Support for Product Specifications

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### 5. Product R&D

Due to constant product improvement product specifications may change from time to time. As a standard reporting procedure of the Product Change Notification (PCN) according to the JEDEC-Standard inform about minor and major changes. In case of further queries regarding the PCN, the field sales engineer or the internal sales person in charge should be contacted. The basic responsibility of the customer as per Section 1 and 2 remains unaffected.



### 6. Product Life Cycle

Due to technical progress and economical evaluation we also reserve the right to discontinue production and delivery of products. As a standard reporting procedure of the Product Termination Notification (PTN) according to the JEDEC-Standard we will inform at an early stage about inevitable product discontinuance. According to this we cannot guarantee that all products within our product range will always be available. Therefore it needs to be verified with the field sales engineer or the internal sales person in charge about the current product availability expectancy before or when the product for application design-in disposal is considered.

The approach named above does not apply in the case of individual agreements deviating from the foregoing for customer-specific products.

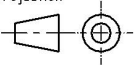
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|     |            |     |         |                                                                                                     |  |                                                                                       |
|-----|------------|-----|---------|-----------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|
|     |            |     |         | Projection<br> |  | DESCRIPTION                                                                           |
|     |            |     |         |                                                                                                     |  | <b>WE-SHC Shielding Cabinet</b>                                                       |
|     |            |     |         |                                                                                                     |  | Order.- No.                                                                           |
| 3.1 | 2012-12-04 | SSt | SSt     |                                                                                                     |  | <b>36103205</b>                                                                       |
| 3.0 | 2012-11-26 | SSt | WJ      |                                                                                                     |  |  |
| 2.0 | 2010-06-18 | WJ  |         |                                                                                                     |  | SIZE                                                                                  |
| REV | DATE       | BY  | CHECKED |                                                                                                     |  | A4                                                                                    |
|     |            |     |         |                                                                                                     |  |                                                                                       |

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