

Data sheet

PC board insert M12, X-coded, 8-pole, green

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P/N

MMT060A315

EAN 4250184155256

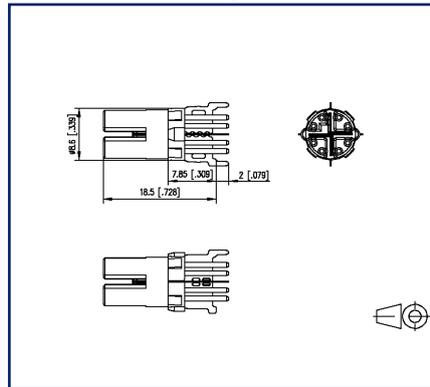
2025/08/28

Version: O

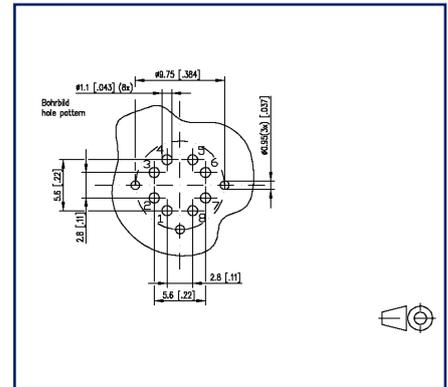
Illustrations



Dimensional drawing



Drill pattern



See enlarged drawings at the end of document

Product specification

- PC board insert M12
- 8-pole, X-coded according to IEC 61076-2-109
- 10 GBit suitable according to IEEE 802.3an
- THR solderable
- Top entry
- Contact carriers green
- suitable for applications in the railway industry according to data sheet



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Technical Data

General Data

Dimensions

| | |
|-------------------|-----------------------|
| Dimension (D x H) | Ø 9.2 mm x 20.5 mm |
| Dimension (D x H) | 0.362 in. x 0.807 in. |
| Ports | Single port |
| Coding | X-coded |

Electrical characteristics

| | |
|--|-------------------|
| Rated voltage | 50 V AC / 60 V DC |
| Effective value of the withstand voltage | 0.5 kV |
| Current carrying capacity at 40 °C | 0.5 A |
| Insulation resistance | min. 100 MOhm |
| Overvoltage category | II |
| Degree of pollution | 2 |

Mechanical data

Material

| | |
|--------------------------------|-------------|
| Material - Contact | CuZnPb |
| Contact surface | Ni + Au |
| Shield material | CuSn |
| Material - Insulating body | PA UL 94 V0 |
| Color | green |
| Life - Number of mating cycles | >= 100 |

Climatic properties

| | |
|----------------------------|-----------------|
| Temperature - Operating °C | -40 °C - 85 °C |
| Temperature - Operating °F | -40 °F - 185 °F |

Approvals

| | |
|----------------------|---------|
| Approval mark UL/CSA | E178484 |
|----------------------|---------|

Packaging

| | |
|-------------------|------------------------------|
| Type of packaging | 10 pc(s) / blister packaging |
|-------------------|------------------------------|

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Technical Data**Standards/Regulations**

Railway applications

| | |
|--|-----------------------------|
| Electronic equipment used on rolling stock | following to DIN EN 50155 |
| Fire protection on railway vehicles | following to DIN EN 45545-2 |

Classifications

| | |
|-----------|----------|
| ETIM 7.0 | EC002637 |
| ETIM 8.0 | EC002637 |
| ETIM 9.0 | EC002637 |
| ETIM 10.0 | EC002637 |

Application note

This product is a standard product of METZ CONNECT. METZ CONNECT is not aware of the specific intended use of the goods by the Customer or any customers of the Customer. The Customer guarantees that it has fully and sufficiently tested the use of the goods and any product modifications, product changes or product enhancements with regard to the specific intended use in accordance with the state of the art or in any other way. At METZ CONNECT's request, the Customer shall submit and make available meaningful evidence (e.g. test and laboratory protocols, certifications, etc.).



Illustrations

Snap-in geometry

