

Data sheet

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

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P/N

MMT060A315-0001

EAN 4250184158479

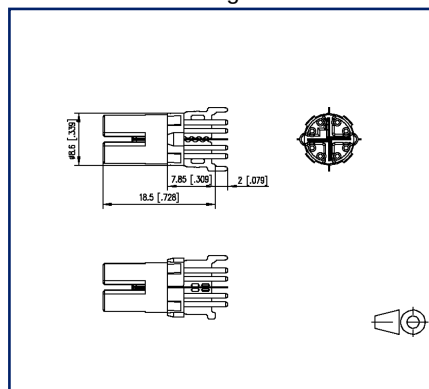
2025/08/28

Version: O

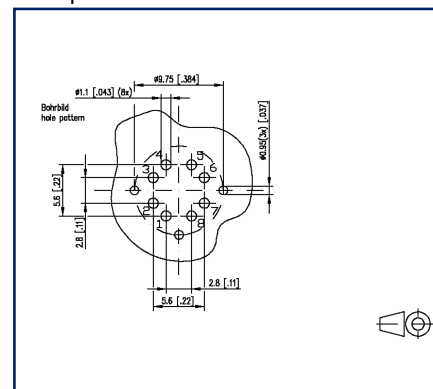
Illustrations



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 black
- 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 black

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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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.).



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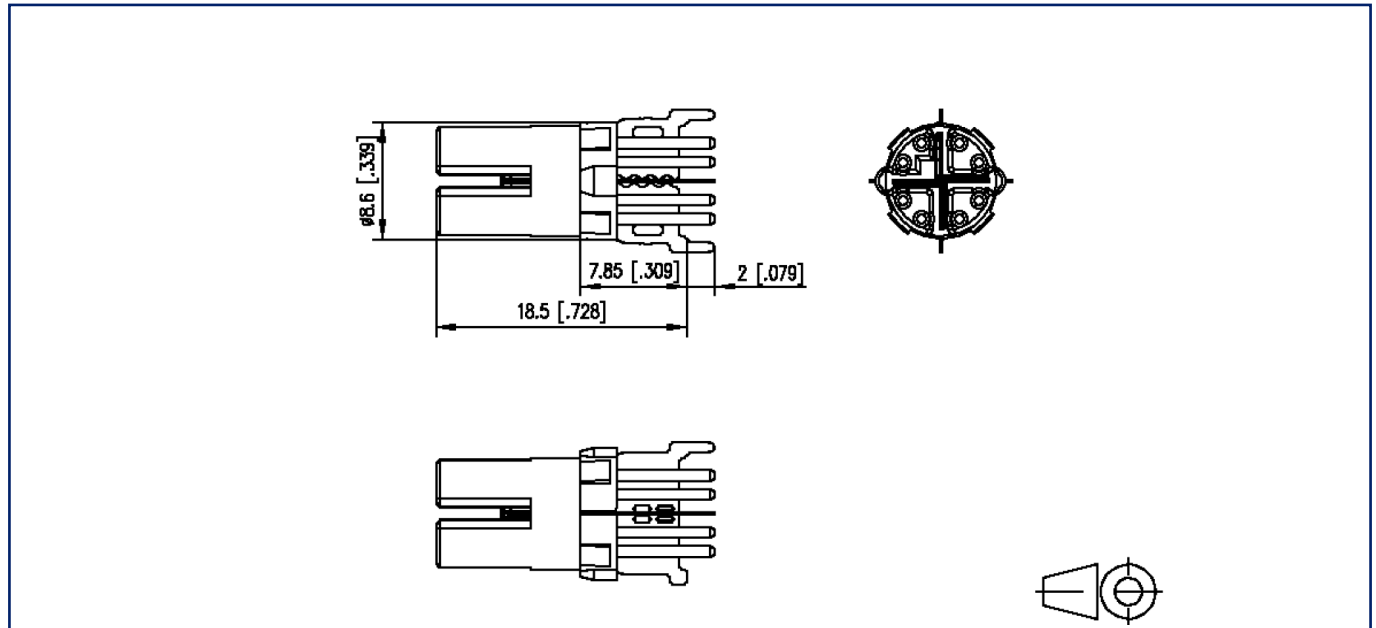
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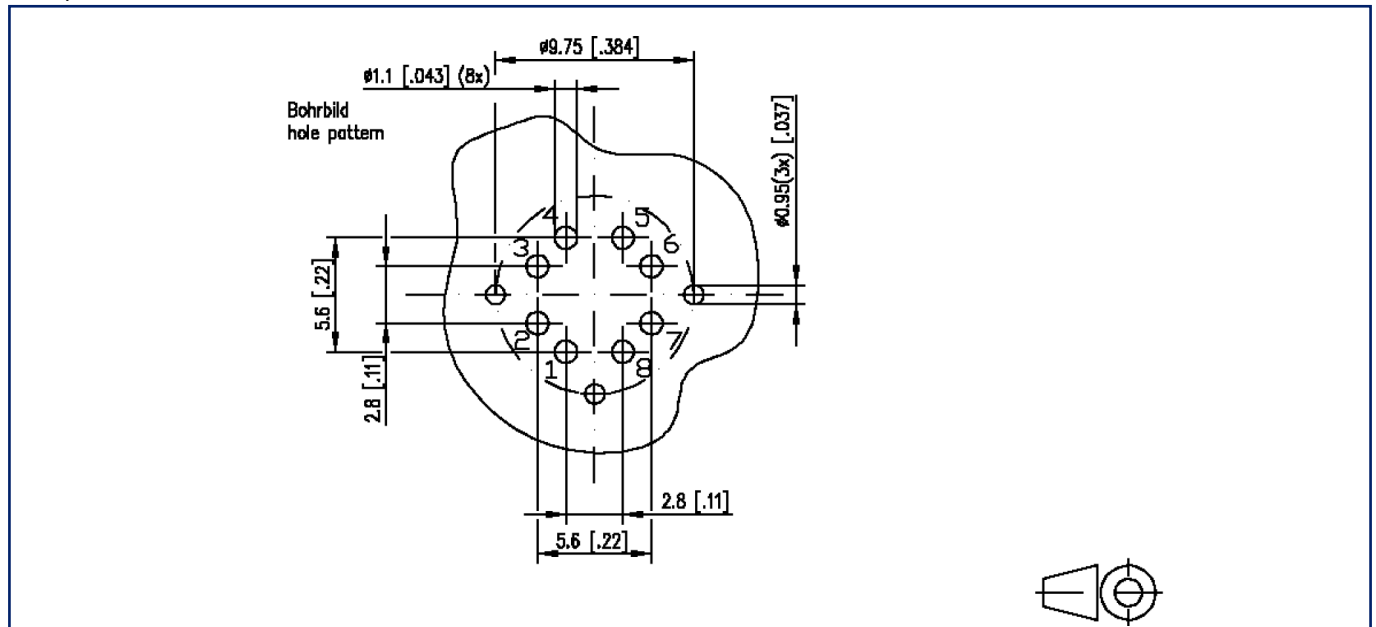
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Snap-in geometry

