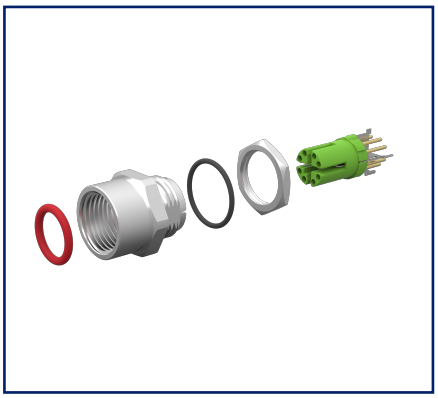
Data sheet

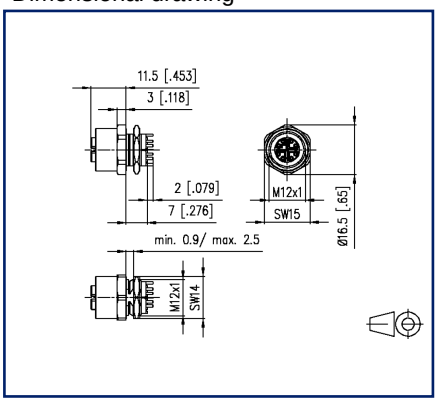
PC board jack M12, X-coded, 8-pole, IP67, in individual parts

P/N
MMT361A315-0001
EAN 4250184154907
2026/08/03
Version: Q

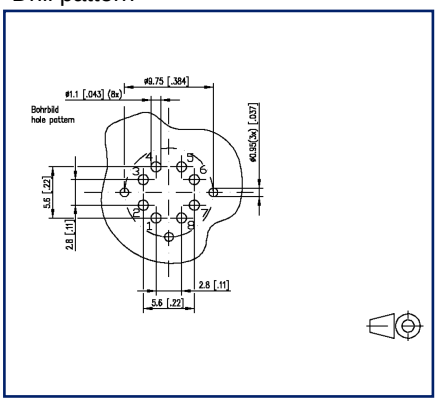
Illustrations



Dimensional drawing



Drill pattern



See enlarged drawings at the end of document

Product specification

- PC board jack 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
- IP67 when plugged in
- in individual parts
- suitable for applications in the railway industry according to data sheet

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Data sheet

PC board jack M12, X-coded, 8-pole, IP67, in individual parts

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Technical Data

General Data	
Dimensions	
Dimension (D x H)	Ø 16.5 mm x 20.5 mm
Dimension (D x H)	0.65 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 - Housing	CuZnPb
Material - Contact	CuZnPb
Contact surface	Ni + Au
Shield material	CuSn
Color	metallike
Life - Number of mating cycles	>= 100
Tightening torque - Plug	0,6 - 1 Nm
Tightening torque - Jack mounting	3 Nm +/- 0,5 Nm
Protection category	IP65, IP67 when plugged in
Particulate ingress	IP6X when plugged in
Liquid ingress/immersion	IPX5, IPX7 when plugged in
Climatic properties	
Temperature - Operating °C	-40 °C - 85 °C
Temperature - Operating °F	-40 °F - 185 °F

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Technical Data

Approvals	
Approval mark UL/CSA	E178484
Standards/Regulations	
Railway applications	
Insulating body	PA UL 94 V0 complies with HL1-HL3; R26 according to EN 45545-2:2020+A1:2023
Flammable mass (g)	0.62 g
Sealings	Elastomer
Flammable mass (g)	0.06 g
Classifications	
ETIM 7.0	EC002637
ETIM 8.0	EC002637
ETIM 9.0	EC002637
ETIM 10.0	EC002637
Packaging	
Type of packaging	10 pc(s) / blister packaging
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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Accessories

P/N	Designation
700701	M12 screw plug for jacks IP54

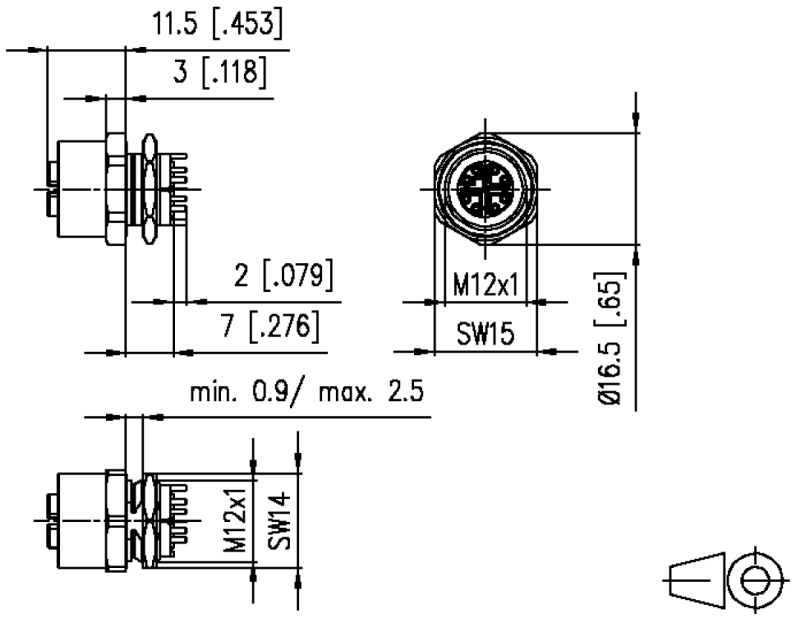
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PC board jack M12, X-coded, 8-pole, IP67, in individual parts

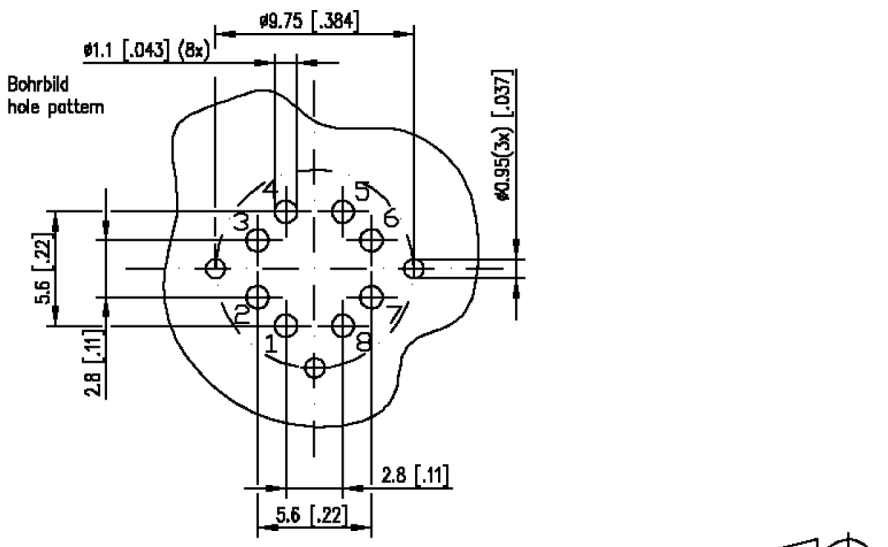
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Illustrations

Dimensional drawing



Drill pattern



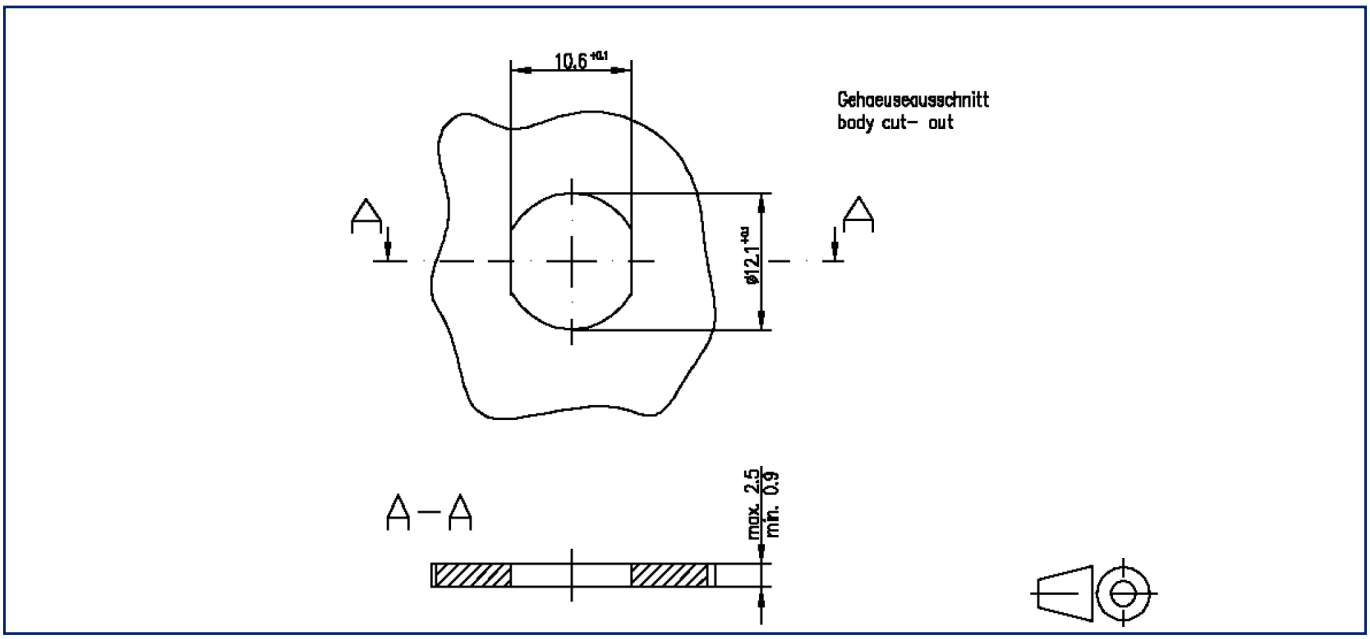
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Illustrations

Cut-out



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