

Data sheet

PC board jack M12, X-coded, 8-pole, IP67

Page 1/6

P/N

MMT361A315

EAN 4250184154891

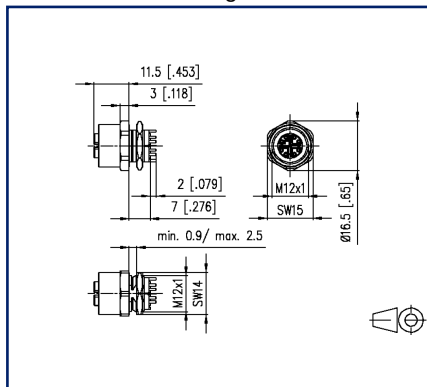
2023/07/04

Version: H

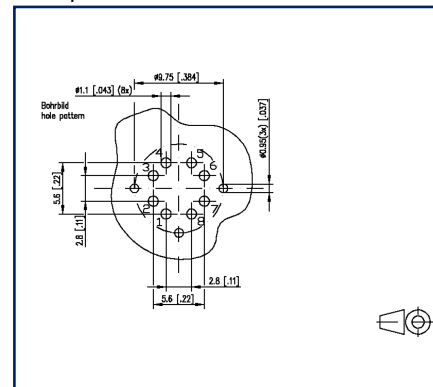
Illustrations



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
- suitable for applications in the railway industry according to data sheet



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
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
Material - Insulating body	PA UL94 V0
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	IP67 when plugged in

Climatic properties

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



U | Contact

Data sheet

Page 3/6

PC board jack M12, X-coded, 8-pole, IP67

P/N

MMT361A315

EAN 4250184154891

2023/07/04

Version: H

Technical Data

Approvals

Approval mark UL E178484

Packaging

Type of packaging 10 pc(s) / blister packaging

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

Contact holder Thermoplastic HL3 according to R22 EN 45545-2

Sealings Elastomer

Shock and vibration DIN EN 50155:2018-05, DIN EN 61373:2011-04 Class 1 Category B

Salt spray DIN EN 50155:2018-05, (DIN EN 60068-2-11:2000-02/ 48h test KA)

Classifications

ETIM 7.0 EC002637

ETIM 8.0 EC002637

ETIM 9.0 EC002637



U | Contact

Data sheet

Page 4/6

PC board jack M12, X-coded, 8-pole, IP67

P/N

MMT361A315

EAN 4250184154891

2023/07/04

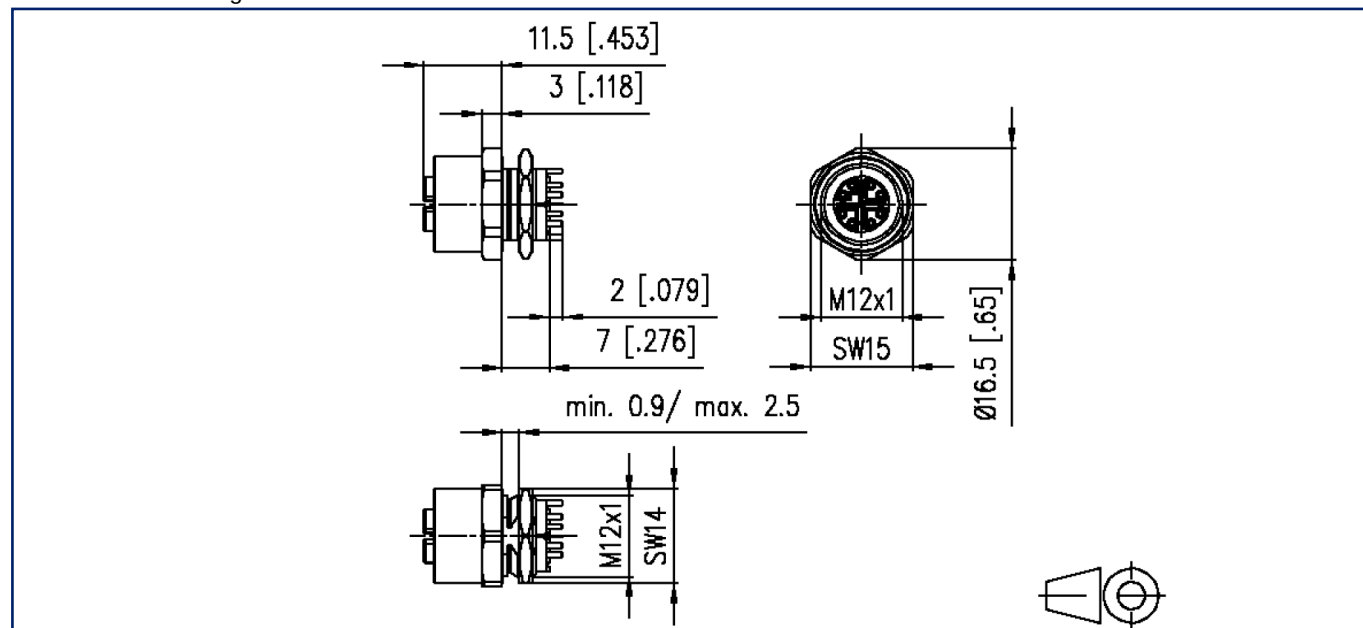
Version: H

Accessories

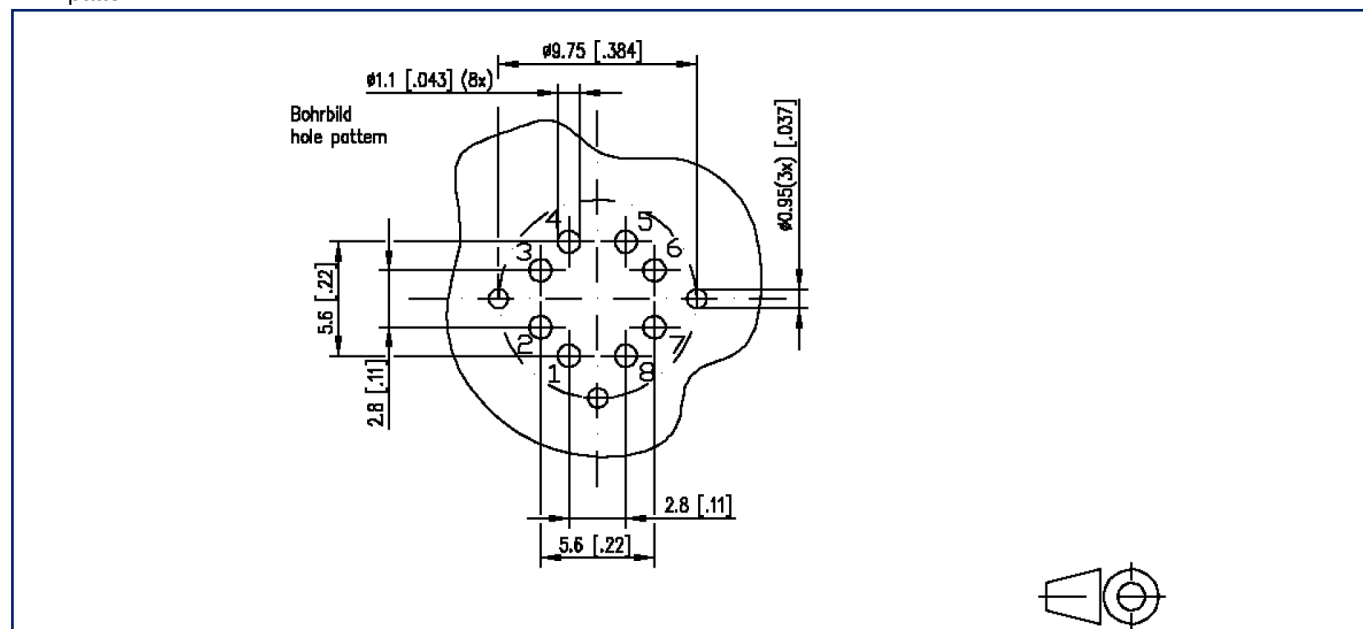
P/N	Designation
700701	M12 screw plug for jacks IP54

Illustrations

Dimensional drawing



Drill pattern



U | Contact

Data sheet

PC board jack M12, X-coded, 8-pole, IP67

Page 6/6

P/N

MMT361A315

EAN 4250184154891

2023/07/04

Version: H

Illustrations

Cut-out

