

Data sheet

PC board jack M12, D-coded, 4-pole, IP67, 90° angled, max. 5 mm wall thickness

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P/N

MMT471A115-0002

EAN 4250184187981

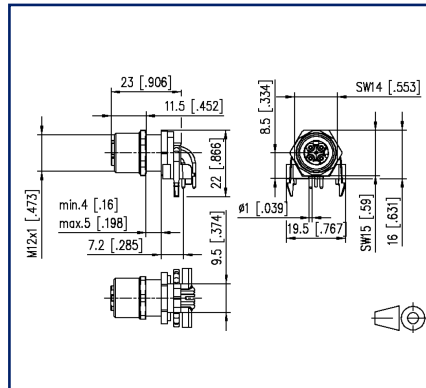
2023/07/04

Version: J

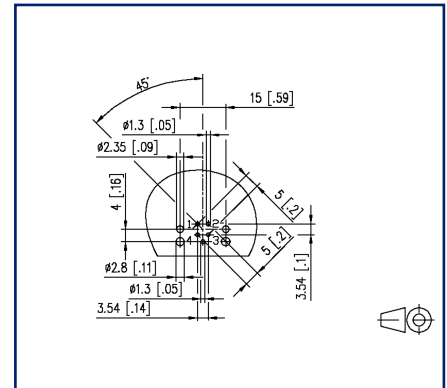
Illustrations



Dimensional drawing



Drill pattern



See enlarged drawings at the end of document

Product specification

- PC board jack M12
- 4-pole, D-coded according to IEC 61076-02-101
- 90° angled
- THR solderable
- Side entry
- Contact carriers green
- IP67 when plugged in
- suitable for a wall thickness up to 5 mm
- suitable for applications in the railway industry

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Technical Data

General Data

Dimensions

Dimension (L x W x H)	27.5 mm x 19.5 mm x 22 mm
Dimension (L x W x H)	1.083 in. x 0.768 in. x 0.866 in.
Ports	Single port
Jack	M12
Coding	D-coded
For wall thickness (mm)	5 mm
For wall thickness (inch)	0.197 in.

Electrical characteristics

Rated voltage	250 V
Nominal current at 50 °C	max. 4 A
Insulation resistance	min. 100 MOhm
Degree of pollution	3

Mechanical data

Material	
Material - Housing	CuZnPb
Material - Contact	CuZnPb
Contact surface	Ni + Au
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 - 90 °C
Temperature - Operating °F	-40 °F - 194 °F



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Approvals

Approval mark UL pending

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



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Accessories

P/N	Designation
700701	M12 screw plug for jacks IP54



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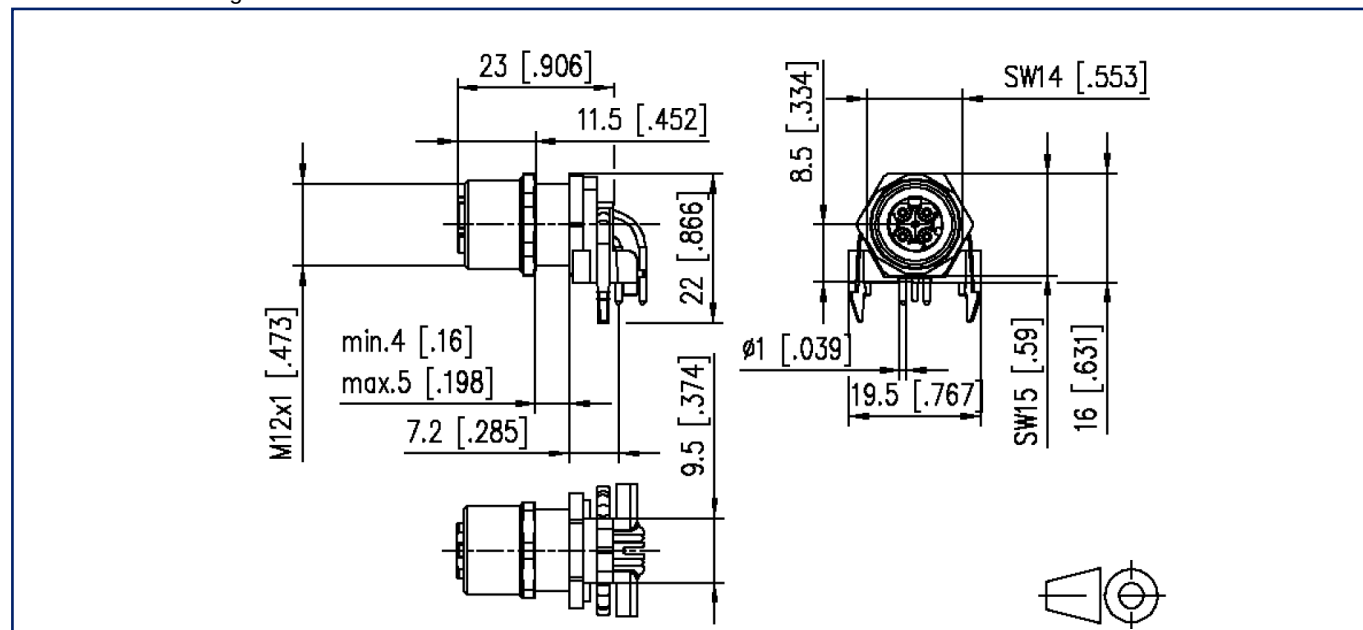
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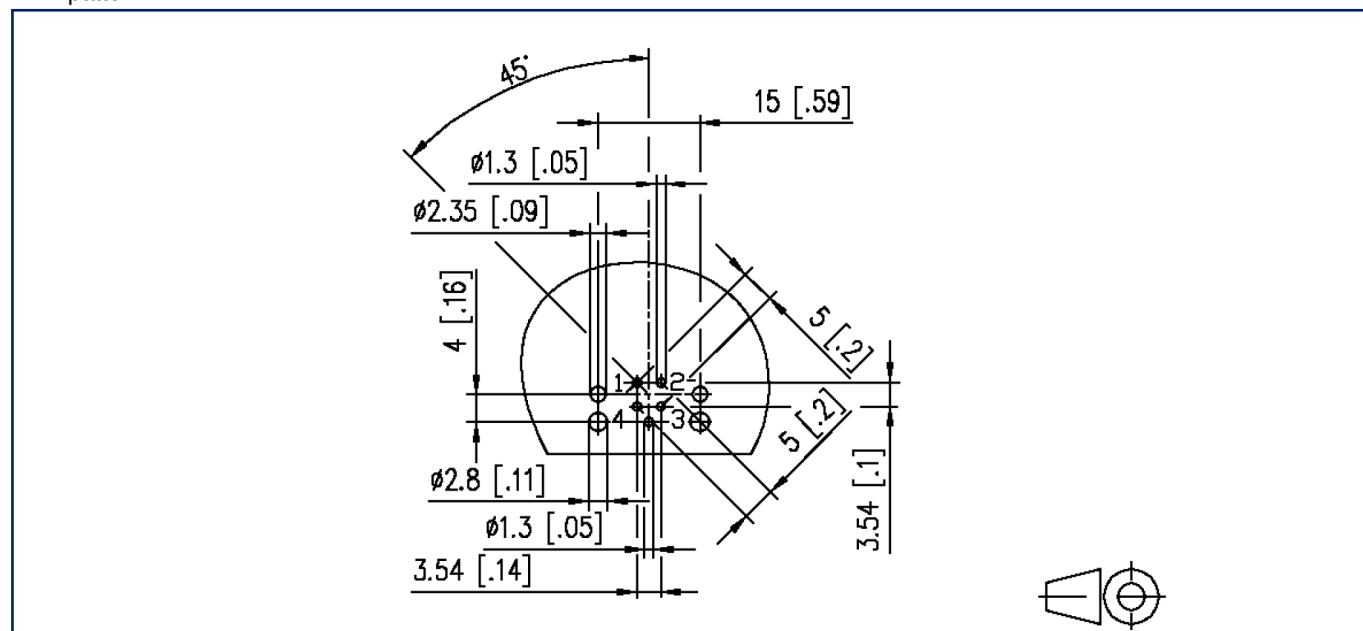
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Cut-out

