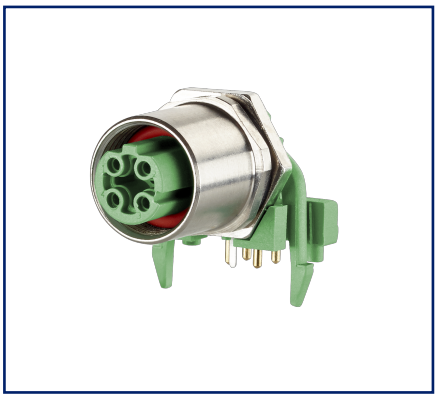
Data sheet

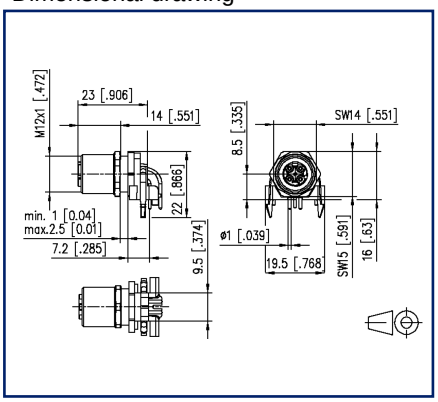
PC board jack M12, D-coded, 4-pole, IP67, 90° angled, max. 2.5 mm wall thickness

P/N MMT471A115
EAN 4250184187967
2022/06/21
Version: I

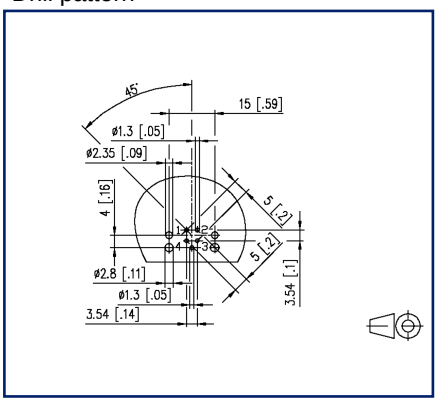
Illustrations



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 2.5 mm
- suitable for applications in the railway industry

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Data sheet

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P/N MMT471A115

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2022/06/21

Version: I

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)	2.5 mm
For wall thickness (inch)	0.098 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
REACH	compliant
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
Approvals	
Approval mark UL	pending

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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

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Accessories

P/N	Designation
700701	M12 screw plug for jacks IP54

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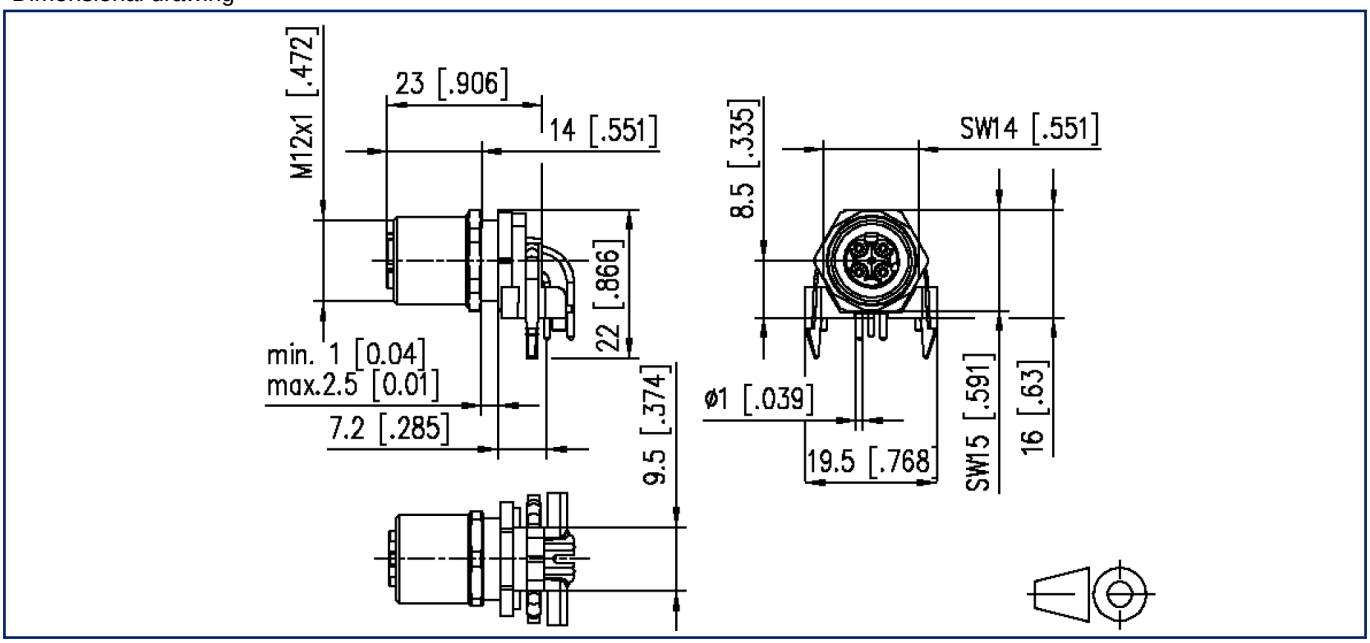
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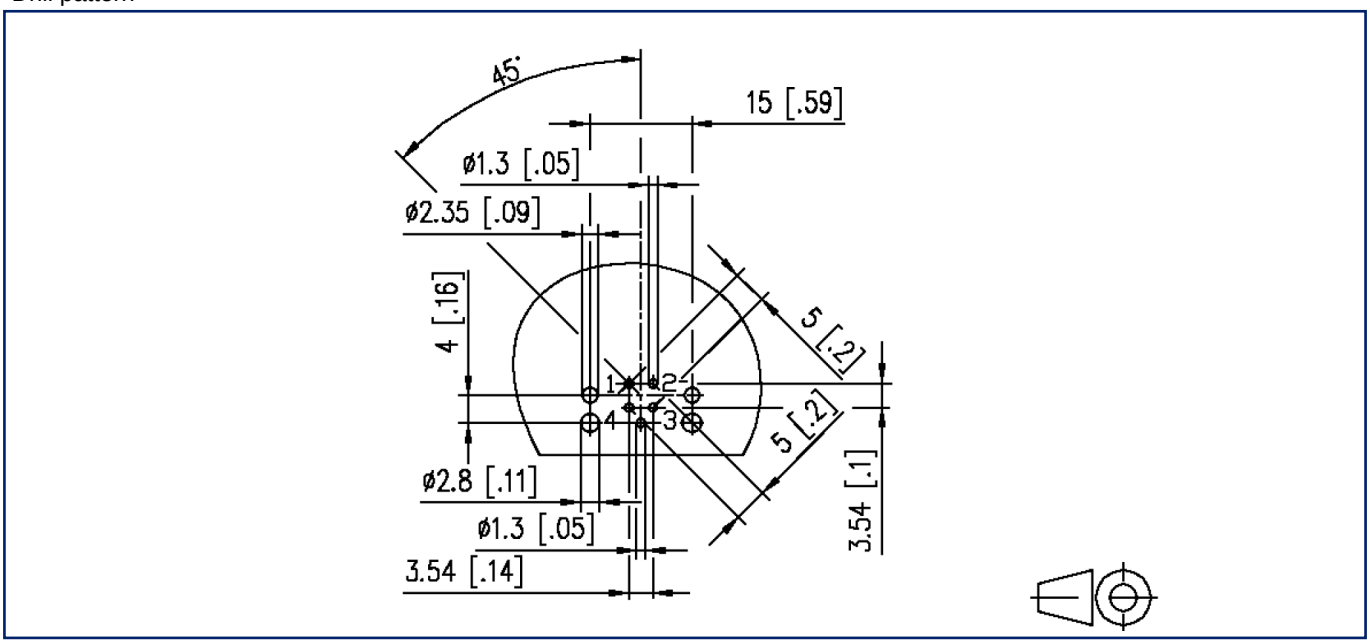
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