

Data sheet

PC board insert M12, X-coded, 8-pole, green, 90° angled

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P/N

MMTA70A315

EAN 4250184169598

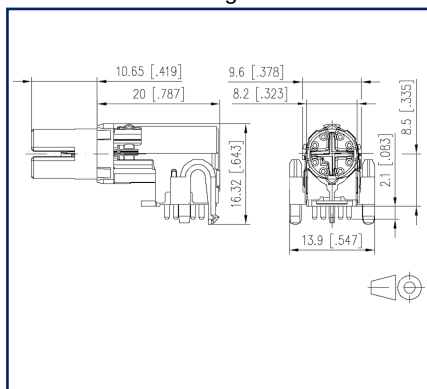
2023/07/04

Version: H

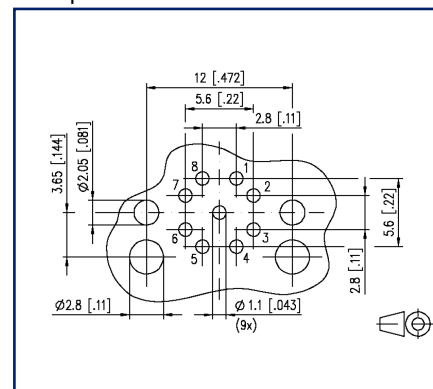
Illustrations



Dimensional drawing



Drill pattern



See enlarged drawings at the end of document

Product specification

- PC board insert M12
- 90° angled
- 8-pole, X-coded according to IEC 61076-2-109
- 10 GBit suitable according to IEEE 802.3an
- THR solderable
- Side entry
- Contact carriers green
- suitable for applications in the railway industry according to data sheet



Technical Data

General Data

Dimensions

Dimension (L x W x H)	30.65 mm x 13.9 mm x 16.32 mm
Dimension (L x W x H)	1.207 in. x 0.547 in. x 0.643 in.
Jack	M12
Coding	X-coded

Electrical characteristics

Rated voltage	50 V AC / 60 V DC
Nominal current at 50 °C	max. 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
Material - Insulating body	PA UL94 V0
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	E178484
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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

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Technical Data

Classifications

ETIM 7.0	EC002637
ETIM 8.0	EC002637
ETIM 9.0	EC002637



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Accessories from

P/N	Designation
MMT471A315-0019	IE-PCB-M12X-S-90 komplmont Kontrr gn Wand 1-2,5mm LP-Bu M12 X gewinkelt RWM WI

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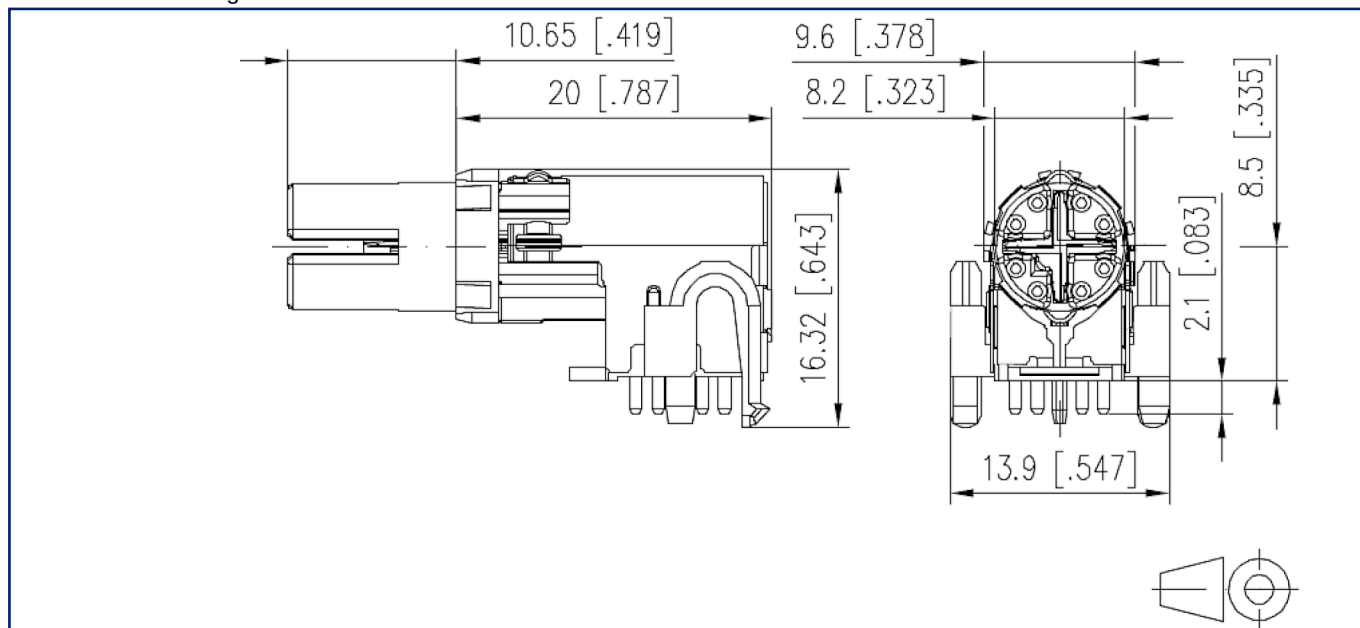
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