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Data sheet

PC board jack M12, A-coded, 5-pole, IP67, rear mounting, in individual parts
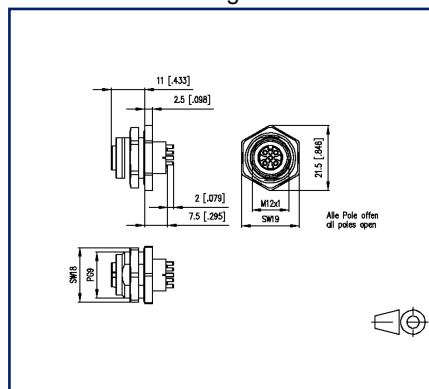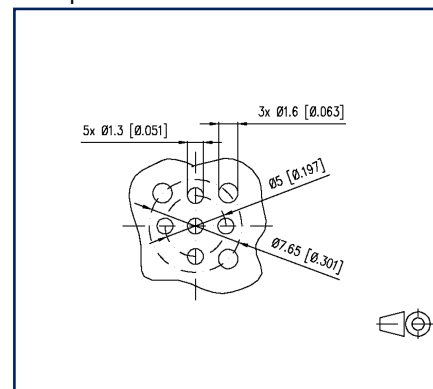
Illustrations

Dimensional drawing

Drill pattern

See enlarged drawings at the end of document

Product specification

- PC board jack M12

- rear mounting

- 5-pole, A-coded according to IEC 61076-2-101

- THR solderable

- Top entry

- Contact carriers black

- 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, A-coded, 5-pole, IP67, rear mounting, in individual parts

Technical Data

General Data

Dimensions	
Dimension (D x H)	Ø 21.5 mm x 20.5 mm
Dimension (D x H)	0.846 in. x 0.807 in.
Ports	Single port
Solderability	Acc. to IPC/JEDEC J-STD-020E-MSL 1
Coding	A-coded

Electrical characteristics

Rated voltage	60 V
Current carrying capacity at 40 °C	4 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	LCP UL94 V0
Color	black
RoHS	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 - 85 °C
Temperature - Operating °F	-40 °F - 185 °F

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Technical Data

Approvals	
Approval mark UL/CSA	E305050

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

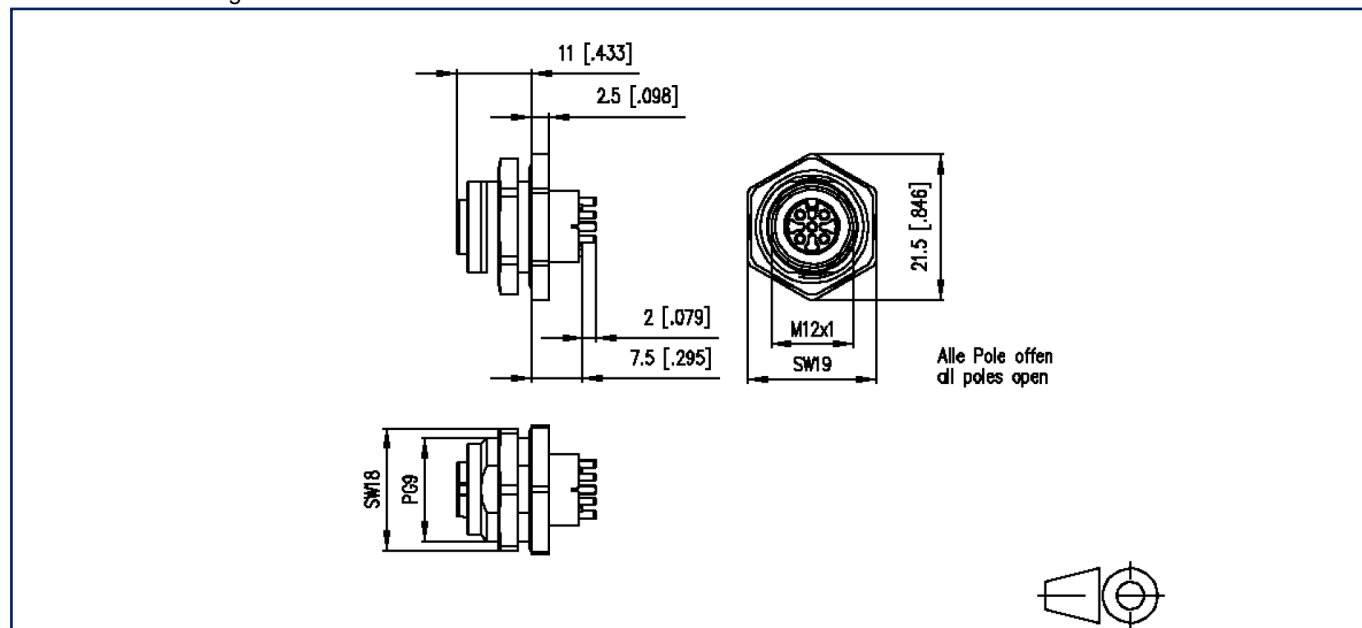| Classifications	
ETIM 7.0	EC002637
ETIM 8.0	EC002637

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P/N
MMT371A815-0001
EAN 4251394632292
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Version: J

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