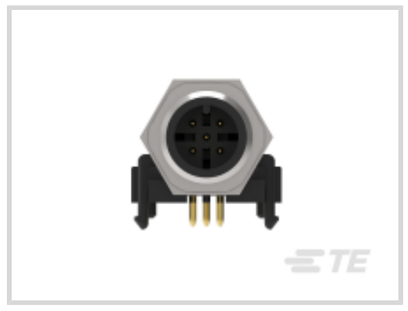
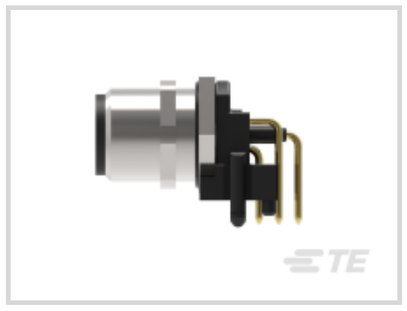
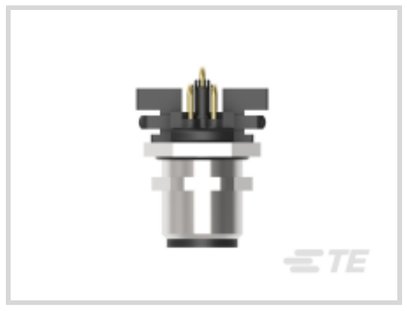
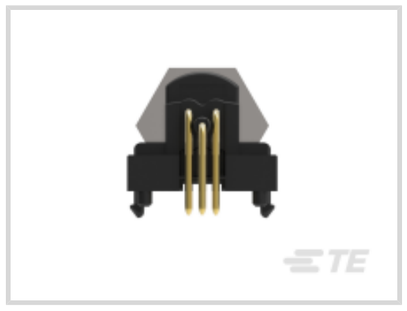
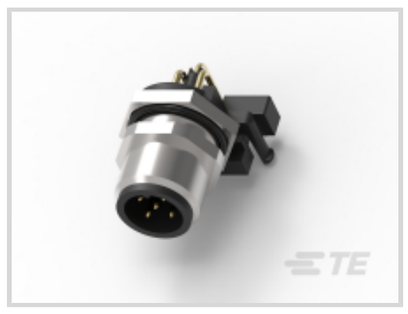
3-2172081-2 ! PENDING OBSOLESCENCE

TE Internal #: 3-2172081-2

TE Internal Description: M12.MALE.PNLREAR.ACODE.4P.PCBSTD.RA.SHLD

View on TE.com >

Connectors > Circular Connectors > Standard Circular Connectors

Connector System: **Wire-to-Board**

Number of Positions: **4**

Sealable: **Yes**

Contact Current Rating (Max): **4 A**

Circuit Application: **Signal**

Features

Product Type Features

Product Type	Connector Assembly
Connector System	Wire-to-Board
Sealable	Yes
Circular Connector Type	Plug
Shell Type	Metal

Configuration Features

Number of Positions	4
Number of Power Positions	0
Number of Signal Positions	4
Contacts Preloaded	Yes

Electrical Characteristics

EMI & RFI Protection & Suppression Type	Shielding

Body Features

Shell Plating Material	Nickel
Shell Base Material	Brass

Circular Connector Insulation Material Type	Polyamide

Contact Features

Contact Current Rating (Max)	4 A
Reverse Gender	Yes
Contact Layout Arrangement	Circular
Circular Connector Contact Type	Pin

Mechanical Attachment

Connector Mounting Type	Panel Mount
Polarization Code	A
Mating Alignment Type	Keyed
Mating Retention	With

Housing Features

Circular Connector Shell Size	12

Usage Conditions

IP Water Sealing Level	8
IP Dust Sealing Level	6
Operating Temperature Range	-40 – 80 °C[-40 – 176 °F]

Operation/Application

Circuit Application	Signal
Shielded	Yes

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (4% in Component Part) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per

	homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts

TE Part # T4110011041-000
M12 F, 4P GOLD A_CODE S SHIELDED PG7

Customers Also Bought

TE Part #1617807-5
FC-335-SY8= RELAY, 3PST

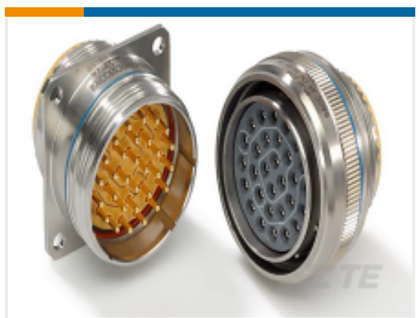
TE Part #1616058-6
A703CD (FAA/PMA)=RELAY

TE Part #CX1369-000
BSTS/BSTS-FR heat shrink tubing

TE Part #ZPF000000000001261
097-0267-16 A1267

TE Part #1617147-5
JMGAP-26P = M39016/17-030P

TE Part #358279-000
382C312-50-01-0



TE Part #ZPF000000000007174
983-0RS 08-98 PN

TE Part #YDTS20Y13-98XNV001
HERM RECP

Documents

Product Drawings

M12.MALE.PNLREAR.ACODE.4P.PCBSTD.RA.SHLD

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-2172081-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-2172081-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-2172081-2_A.3d_stp.zip

English

Datasheets & Catalog Pages

M8 / M12 Connector System Catalog

English

M8 / M12 Connector System Catalog

Japanese

Product Specifications

Application Specification

English