



CONNECTORS

STANDARD CIRCULAR CONNECTORS



✓ Active

TE CONNECTIVITY (TE)

M12,FRONT MOUNT,FEMALE,A,4P,SOLDER WIRE

M8/M12 Connector System | M12 , M12 Connector , M12 PCB/Panel Mount

T4133012041-000

TE Internal Number: T4133012041-000

[EU RoHS Compliant with Exemptions](#)

[EU ELV Compliant with Exemptions](#)

Product Type Connector

Connector System Wire-to-Panel

Number of Positions 4

Sealable Yes

Connector & Contact Terminates To Printed Circuit Board

[↓ PRODUCT DRAWING](#)

English

[↓ 3D PDF](#)

DOCUMENTATION

Product Drawings

M12 PANEL MOUNT CONNECTOR A CODE, FEMALE, FRONT MOUNTING WIRE SOLDERING

PDF

English

CAD Files

3D PDF

PDF

3D

Customer View Model

2D_DXF.ZIP

English

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

Product Specifications

Application Specification

M12 Screw Connection Application Specification

PDF

English

Product Specification

Industrial M8 & M12 Series Circular Connector

PDF

English

FEATURES



Please review product documents or [contact us](#) for the latest agency approval information.

Please Note: Use the Product Drawing for all design activity.

Product Type Features

Product Type Connector

Connector System Wire-to-Panel

Sealable Yes

Connector & Contact Terminates To Printed Circuit Board

Shell Size 18

Shielded No

Connector Style Receptacle

Shell Type Metal

Accessory Color Black

Assembly Type Electrical Connector

Configuration Features

Number of Positions 4

Number of Power Positions 0

Number of Signal Positions 4

Preloaded Yes

Position Keyed A

Keying A

Factory Installed Backshell No

Electrical Characteristics

Operating Voltage (VAC) 250

Body Features

Shell Plating Material Nickel
Shell Material Copper Alloy
Insulation Material Polyamide
Environmental Protection Type Sealed
Peripheral Seal Material Silicone
O-Ring Material Silicone

Contact Features

Reverse Gender Standard
Contact Type Female

Mechanical Attachment

Polarization Code A
Mating Alignment Type Keyed
Flange Without

Dimensions

Wire/Cable Size (AWG) 18 – 24

Usage Conditions

Operating Temperature Range (°F) -40 – 85

Industry Standards

IP Water Sealing Level IP67

Packaging Features

Packaging Quantity 1

Other

Field Serviceable No

Statement of Compliance

Statement of Compliance

PDF