



Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Wire-to-Panel**

Number of Positions: **8**

Sealable: **Yes**

Connector & Contact Terminates To: **Printed Circuit Board**

Contact Current Rating (Max): **2 A**

Features

Product Type Features

Product Type	Connector Assembly
Connector System	Wire-to-Panel
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board
Circular Connector Type	Receptacle
Shell Type	Metal

Configuration Features

Number of Positions	8
Number of Power Positions	0
Number of Signal Positions	8

Electrical Characteristics

Operating Voltage	500 VAC
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Body Features

Environmental Protection Type	Sealed
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Environmental Protection	With
Shell Plating Material	Nickel
Shell Base Material	Zinc Die Cast
Circular Connector Insulation Material Type	Polyamide

Contact Features

Contact Current Rating (Max)	2 A
Reverse Gender	Yes
Contact Layout Arrangement	Circular
Circular Connector Contact Type	Socket

Mechanical Attachment

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

Usage Conditions

Operating Temperature Range	-25 – 90 °C[-13 – 194 °F]
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Operation/Application

Circuit Application	Signal
Shielded	No

Packaging Features

Packaging Quantity	50
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Other

Field Serviceable	No
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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 with Exemptions
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: JAN 2023 (233)



	Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

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 # T4142012041-000
M12,FRONT MOUNTING,MALE,A
CODE,4P


Also in the Series | AMP M12




Circular Connector Caps & Covers(2)



Hand Crimping Tools(32)

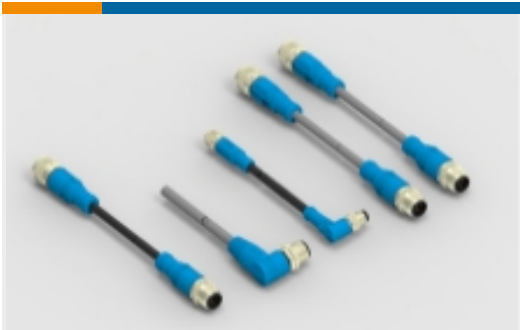


LVDT/LVIT Sensors(6)



Standard Circular Connectors(2)

Also in the Series | M12 Connector



M8/M12 Cable Assemblies(230)



Standard Circular Connectors(521)

Customers Also Bought



TE Part #5227677-1
BNC PCB RT ANG JACK W/POST



TE Part #T4071017031-001
M8.FMLE.PNLREAR.3POS.STR WIRE



TE Part #1658621-3
16 NOVO MIL/CTR 15DP,LEAD FREE



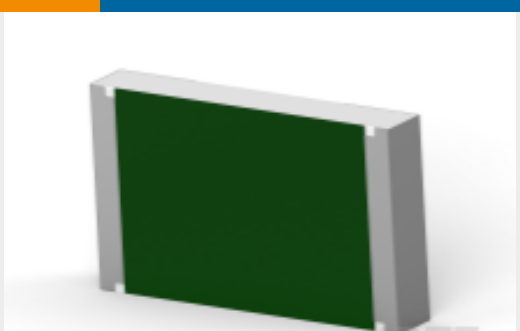
TE Part #1658621-2
14 NOVO MIL/CTR 15DP,LEAD FREE



TE Part #1618239-7
K40P332=RELAY VACUUM SPST LATC



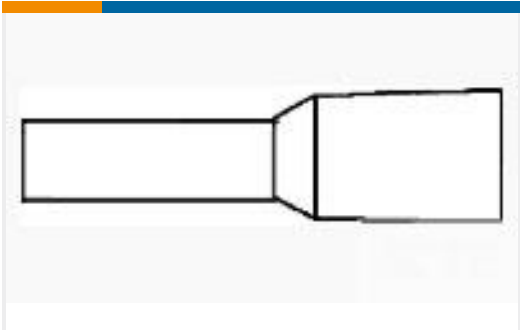
TE Part #1838891-2
M12 Mtl FEMALE PNL CONN. Sldr Rear (Hex)



TE Part #2176400-7
3540 1R8 1%



TE Part #DPP202Z000
PMOD_TSYS02D



TE Part #966067-2
FER,WIRE,PL SLV,.50/20,L8,WHITE,LP



TE Part #ADP-RPSF-NM
RP-SMA Jack to N Type Plug

Documents

Product Drawings

M12 Mtl FEMALE PNL CONN. Sldr Rear (Hex)

English

CAD Files

Customer View Model

ENG_CVM_CVM_1838891-4_C.2d_dxf.zip

English

3D PDF



3D

Customer View Model

[ENG_CVM_CVM_1838891-4_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1838891-4_C.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[M8 / M12 Connector System Catalog](#)

English

[M8 / M12 Connector System Catalog](#)

Japanese

Product Specifications

[Application Specification](#)

English