5-2271137-2 ✔ ACTIVE

TE Internal #: 5-2271137-2

Standard Circular Connectors, Wire-to-Wire, 8 Position, Sealable, Printed Circuit Board, Signal, Reverse Gender, A Polarization Code, PA

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Connectors > Circular Connectors > Standard Circular Connectors



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

Number of Positions: **8**

Sealable: **Yes**

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

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

Features

Product Type Features

Assembly Requirement	Factory Assembled
Prewired	No
Assembly Type	Electrical Connector
Circular Connector Shell Type	All Plastic
Connector Product Type	Connector Assembly
Connector System	Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board
Circular Connector Type	Receptacle
Shell Type	Plastic

Configuration Features

Keying	A
Number of Positions	8
Number of Power Positions	0
Number of Signal Positions	8

Contacts Preloaded	Yes

Body Features

Circular Connector Insulation Material Type	PA
Hermetically Sealed	Yes

Contact Features

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

Mechanical Attachment

Polarization Code	A
Mating Alignment Type	1 Key
Mating Retention	With

Housing Features

Circular Connector Shell Size	18

Dimensions

Wire Size	.25 – .34 mm^2

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Operation/Application

Circuit Application	Signal
Shielded	No

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: 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 # T4111002081-000
M12,MALE,STRAIGHT,A CODE,8P, PG9,GOLD



TE Part # 2823066-1
M16 NUT-M12 FRONT PANEL MOUNT CONNECTORS

Customers Also Bought



TE Part #1393260-4
SR6B4012 - V23050-A1012-A542



TE Part #T4013019041-000
M8,SCREW, MALE,R/A,SHIELD,4P, GOLD



TE Part #T4073014041-001
M8.FMLE.PNLFRONT.4POS.STR WIRE



TE Part #T4171020008-001
M12,REAR MOUNT,MALE, A, 8P, 0.2M WIRE



TE Part #T4113012081-000
M12 M, 8P GOLD A_CODE RA SHIELDED PG9



TE Part #5520258-3
M/JTOP6P/6CPNL STOPSTRAY P



TE Part #K1021410
Relay 29-211-12



TE Part #T4061120003-005
M8 CABLE ST M 5M 3POS PUR CABLE

TE Part #NB07402001
HTAT-12/3-0-STK

TE Part #T4171110005-002
M12,REAR MOUNTING,FEMALE,A,5P, 0.5M WIRE

Documents

Product Drawings

M12.FEMALE PNL.ACODE.SOLDER REAR.8P(AU)

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-2271137-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-2271137-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-2271137-2_A.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

Product Specification

English