



Connectors > Circular Connectors > Standard Circular Connectors



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

Connector Mounting Type: **Cable Mount (Free-Hanging)**

Number of Positions: **7**

Centerline (Pitch): **1.4 mm [.055 in]**

Sealable: **Yes**

Features

Product Type Features

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

Configuration Features

Number of Positions	7
Number of Power Positions	0
Number of Signal Positions	7
Contacts Preloaded	Yes

Body Features

Environmental Protection Type	Sealed
Environmental Protection	With
Shell Base Material	Brass
Circular Connector Insulation Material Type	LCP (Liquid Crystal Polymer)
Hermetically Sealed	Yes

Contact Features

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

Mechanical Attachment

Mating Retention Type	Push-Pull Quick Disconnect
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Polarization Code	N
Mating Alignment Type	Keyed
Mating Retention	With

Housing Features

Centerline (Pitch)	1.4 mm [.055 in]
Circular Connector Shell Size	M11
Alignment Keyed	145°

Dimensions

Wire Size	26 – 30 AWG
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Usage Conditions

Operating Temperature Range	-50 – 150 °C [-58 – 302 °F]
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Operation/Application

Circuit Application	Signal
Shielded	Yes

Packaging Features

Packaging Quantity	20
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250)



Candidate List Declared Against: JAN 2024
(240)
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 < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Hand solderable with tin/lead solder

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>

Customers Also Bought



TE Part #31090
BODY R 22-16 COMM 22-18 MIL 5



TE Part #52041
TERMINAL,R PG 8 8



TE Part #CAT-D9934-A75
DYNAMIC 3000 CONTACT



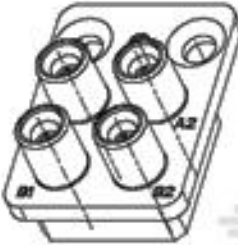
TE Part #321035
PIDG 26-22 SPADE #4 STUD



TE Part #1-1318120-3
DYNAMIC D-2100 REC HSG 3P



TE Part #1-1625958-8
HB01RE 20M 1% 100PPM



TE Part #1996884-1
4 Pos RF Module, Backplane,SMPM



TE Part #50836-1
TERMINAL,PIDG PTFE R 18-16 10

Documents

Product Drawings
Push-Pull 7P Plug PS S-Cup Cont KIT/N
Japanese



CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2174219-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2174219-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2174219-1_C.3d_stp.zip

English

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Product Specifications

Application Specification

Japanese