2174225-1 ✔ ACTIVE

AMP

TE Internal #: 2174225-1

Standard Circular Connectors, 7 Position, Brass, LCP (Liquid Crystal Polymer), Size M11, Contacts Preloaded, Keyed Mating Alignment Type

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Connectors > Circular Connectors > Standard Circular Connectors

Number of Positions: **7**

Shell Base Material: **Brass**

Circular Connector Insulation Material Type: **LCP (Liquid Crystal Polymer)**

Circular Connector Shell Size: **M11**

Contacts Preloaded: **Yes**

Features

Product Type Features

Product Type	Connector
Circular Connector Type	Receptacle
Shell Type	Metal

Configuration Features

Keying	N
Number of Positions	7
Contacts Preloaded	Yes

Body Features

Shell Base Material	Brass
Circular Connector Insulation Material Type	LCP (Liquid Crystal Polymer)

Contact Features

Contact Layout Arrangement	Circular

Mechanical Attachment

Mating Retention Type	Threaded Coupling
Mating Alignment	With
Mating Alignment Type	Keyed
Mating Retention	With

Housing Features

Circular Connector Shell Size	M11
Alignment Keyed	145°

Usage Conditions

Operating Temperature Range	-50 – 150 °C

Packaging Features

Packaging Quantity	30

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	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Pb (3.7%) **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	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

Documents

Product Drawings

Push-Pull 7P Rece PS S-Tail Cont KIT/N

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2174225-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2174225-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2174225-1_A.3d_stp.zip

English

Datasheets & Catalog Pages

Metal-Shell Micro Circular Connectors

English

Product Specifications

Application Specification

Japanese