1776186-1 ✓ ACTIVE

Industrial RJ45 CPC

TE Internal #: 1776186-1

RJ45 Connectors, Circular RJ45, Single Port, RJ Type Jacks & Plugs, Standard Connector Contact Density, Receptacle, Cat 5, Industrial RJ45 CPC

View on TE.com >

Connectors > Modular Jacks & Plugs > RJ45 Connectors

Modular Jack & Plug Interface Type: **Circular RJ45**

Port Configuration: **Single Port**

Modular Jacks & Plugs Products: **RJ Type Jacks & Plugs**

Connector Contact Density: **Standard**

Modular Connector Style: **Receptacle**

Features

Product Type Features

Modular Jack & Plug Interface Type	Circular RJ45
Modular Jacks & Plugs Products	RJ Type Jacks & Plugs
Modular Connector Style	Receptacle
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Status Indicator Type	None
Port Configuration	Single Port
Connector Contact Density	Standard
Number of Positions	1
Number of Loaded Positions	1

Contact Features

Contact Current Rating (Max)	1.5 A
Contact Mating Area Plating Material	Gold
Contact Base Material	Beryllium Copper

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Contact Mating Area Plating Material Thickness	1.27 μm[50 μin]

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	6/6 Nylon

Usage Conditions

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

Operation/Application

Shielded	No
Circuit Application	Power, Signal & High Speed Data

Industry Standards

IP Rating	IP67
UL Flammability Rating	UL 94V-0
Performance Category	Cat 5

Packaging Features

Packaging Quantity	1
Packaging Method	Bag

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUL 2021 (219) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not applicable 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

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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

Also in the Series | Industrial RJ45 CPC

RJ45 Connectors(2)

Documents

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1776186-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_1776186-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_1776186-1_A.3d_stp.zip

English

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Datasheets & Catalog Pages

INDUSTRIAL_ETHERNET_PRODUCTS

English

Circular Plastic Connectors Series 45 Ethernet

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

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English