



Industrial RJ45 Variant 14

TE Internal #: 1987004-1

Circular RJ45 Connector, Single Port, Standard Connector Contact Density, Plug, Shielded, Cat 5 / Cat 5e, 4 Position, Industrial RJ45 Variant 14

[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: Plug

Features

Product Type Features

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

Configuration Features

|                            |             |
|----------------------------|-------------|
| Port Configuration         | Single Port |
| Connector Contact Density  | Standard    |
| Number of Positions        | 4           |
| Number of Loaded Positions | 4           |

Body Features

|                         |              |
|-------------------------|--------------|
| Shield Plating Material | Nickel       |
| Shield Material         | Copper Alloy |

Contact Features

|                              |      |
|------------------------------|------|
| Contact Current Rating (Max) | .5 A |
|------------------------------|------|



|                                                |                 |
|------------------------------------------------|-----------------|
| Contact Mating Area Plating Material           | Gold            |
| Contact Base Material                          | Phosphor Bronze |
| Contact Mating Area Plating Material Thickness | 1.27 µm[50 µin] |

Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| Connector Mounting Type | Panel Mount |
|-------------------------|-------------|

Housing Features

|                  |                  |
|------------------|------------------|
| Housing Color    | Green Blue       |
| Housing Material | Lexans, Ultradur |

Usage Conditions

|                             |                           |
|-----------------------------|---------------------------|
| Operating Temperature Range | -40 - 70 °C[-40 - 158 °F] |
|-----------------------------|---------------------------|

Operation/Application

|                     |                 |
|---------------------|-----------------|
| Indicator Type      | Not Illuminated |
| Shielded            | Yes             |
| Circuit Application | Signal          |

Industry Standards

|                      |               |
|----------------------|---------------|
| IP Rating            | IP67          |
| Performance Category | Cat 5, Cat 5e |

Packaging Features

|                    |          |
|--------------------|----------|
| Packaging Quantity | 10, 100  |
| Packaging Method   | Bag, Box |

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: JAN 2024 (240)<br>Candidate List Declared Against: JUL 2021 (219)<br>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 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 # 1987307-1  
ASSY, IP67 PUSH-PULL FRAME



TE Part # 2172020-2  
IP65/67 PUSH-PULL FRAME CAT5,  
Shld bulk

Also in the Series | Industrial RJ45 Variant 14



Connector Hardware(1)



RJ45 Connectors(5)

Customers Also Bought



TE Part # T4111512041-000  
M12 M, 4P GOLD D\_CODE S  
SHIELDED PG9



TE Part # 1903526-1  
IE RJ45 CONNECTOR IP20 4POS  
180DEG

Documents

Product Drawings  
RJ45 PLUG,PUSH-PULL,ASSY,C AT5 ,SHIELDED



English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1987004-1\_C.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1987004-1\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1987004-1\_C.3d\_stp.zip

English

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

Datasheets & Catalog Pages

INDUSTRIAL\_ETHERNET\_PRODUCTS

English

1-1773733-5\_RJ45\_VARIANT14\_FLYER

English

Product Specifications

Product Specification

English

Agency Approvals

UL Report

English