



Connectors > Modular Jacks & Plugs > RJ45 Connectors



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

Port Configuration: **Single Port**

Port Matrix Configuration: **1 x 1**

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

Connector Contact Density: **Standard**

Features

Product Type Features

|                                        |                       |
|----------------------------------------|-----------------------|
| Connectors & Connector Components Type | Connector             |
| Wire Termination Style                 | Toolless              |
| Connector Product Type                 | Connector Assembly    |
| Modular Jack & Plug Interface Type     | RJ45                  |
| Modular Jacks & Plugs Products         | RJ Type Jacks & Plugs |
| Modular Connector Style                | Jack                  |
| Grounding Options                      | None                  |

Configuration Features

|                            |             |
|----------------------------|-------------|
| Wiring Pattern             | One-to-One  |
| Port Configuration         | Single Port |
| Port Matrix Configuration  | 1 x 1       |
| Connector Contact Density  | Standard    |
| Status Indicator Type      | None        |
| Number of Positions        | 8           |
| Number of Loaded Positions | 8           |
| PCB Mount Orientation      | Right Angle |

Body Features

|                                |                       |
|--------------------------------|-----------------------|
| Modular Jack Latch Orientation | Standard - Latch Down |
|--------------------------------|-----------------------|



|                                                |                                     |
|------------------------------------------------|-------------------------------------|
| Connector Profile                              | Standard                            |
| Contact Features                               |                                     |
| Contact Current Rating (Max)                   | 1.5 A                               |
| Contact Mating Area Plating Material           | Gold over Nickel                    |
| Contact Base Material                          | Phosphor Bronze                     |
| Contact Mating Area Plating Material Thickness | 1.25 µm[49.21 µin]                  |
| Termination Features                           |                                     |
| Termination Method to Wire & Cable             | Insulation Displacement Crimp (IDC) |
| Termination Method to Printed Circuit Board    | Surface Mount                       |
| Termination Post & Tail Length                 | .3 mm[.01 in]                       |
| Mechanical Attachment                          |                                     |
| Connector Mounting Type                        | Panel Mount                         |
| Housing Features                               |                                     |
| Mating Entry Location                          | Side                                |
| Centerline (Pitch)                             | 1.02 mm[.04 in]                     |
| Housing Color                                  | Black                               |
| Housing Material                               | PBT                                 |
| Dimensions                                     |                                     |
| Connector Height                               | 22 mm[.866 in]                      |
| Usage Conditions                               |                                     |
| Operating Temperature Range                    | -40 – 70 °C[-40 – 158 °F]           |
| Operation/Application                          |                                     |
| Shielded                                       | No                                  |
| Circuit Application                            | Signal                              |
| Industry Standards                             |                                     |
| UL Flammability Rating                         | UL 94V-HB                           |
| Performance Category                           | Cat 3                               |
| Packaging Features                             |                                     |
| Packaging Quantity                             | 500                                 |
| Packaging Method                               | 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 2021 (211)<br>Candidate List Declared Against: JAN 2021 (211)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                |
| 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



Customers Also Bought





TE Part #1-2273114-1  
M12 MS-FS DOUBLE END CABLE  
ASSY BL



TE Part #1-440146-2  
1.25mm WTB Socket,Housing,12p



TE Part #1445957-2  
HSG SUB ASY,BLACK



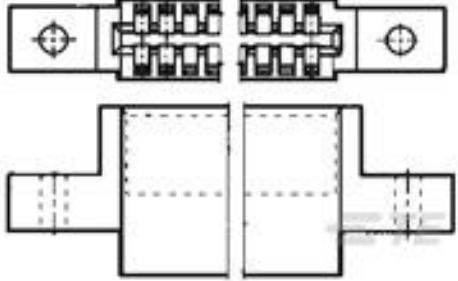
TE Part #1658622-1  
10 NOVO MIL/CTR 30DP,LEAD FREE



TE Part #1622383-1  
LR1 1% 20R



TE Part #1622796-8  
YR1 0.1% 12K1



TE Part #1-583718-1  
TW-LEAF CRP HSG 25 POS 100 C/L



TE Part #1-826631-0  
AMPMODU II R/A DR HEADER



TE Part #150205-2  
110 MINI FASTON,REC.,24-20 AWG,  
TPBR



TE Part #YDIV46E15-18SNV001  
PLUG ASSY

Documents

Product Drawings  
WITH STUFFER CAP

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_216005-4\_F.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_216005-4\_F.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_216005-4\_F.3d\_stp.zip

English

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

Product Specifications



[application specification for toolless modular jack](#)

English

[Application Specification](#)

English