# 6116353-9  ✓ ACTIVE

TE Internal #: 6116353-9

RJ45 Connector, Multiple Ports, 1 x 2, Jack, Shielded, Cat 5, Inverted - Latch Up, 8 Position, Standard Profile, Through Hole - Solder, Right Angle

View on TE.com >

Connectors > Modular Jacks & Plugs > RJ45 Connectors



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

Port Configuration:  **Multiple Ports**

Port Matrix Configuration:  **1 x 2**

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

Connector Contact Density:  **Standard**

## Features

### Packaging Features

| | |
|---|---|
| Packaging Quantity | 288 |
| Packaging Method | Tray, Box & Tray |

### Mechanical Attachment

| | |
|---|---|
| Panel Mount Feature | With |
| Connector Mounting Type | Panel Mount |

### Contact Features

| | |
|---|---|
| Contact Underplating Material | Nickel |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Current Rating (Max) | 1.5 A, .2 A |
| Contact Mating Area Plating Material | Gold |
| Contact Base Material | Phosphor Bronze |
| Contact Mating Area Plating Material Thickness | 1.27 µm[50 µin] |

### Body Features

| | |
|---|---|
| Shield Plating Material | Nickel over Copper |
| Shield Material | Copper Zinc Alloy |
| LED Color (Top Right) | Green/Red |
| LED Color (Top Left) | Green/Red |
| PCB Ground Tab Location | -3.43 mm[-.135 in] |
| Modular Jack Latch Orientation | Inverted - Latch Up |

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| | |
|---|---|
| Connector Profile | Standard |

## Industry Standards

| | |
|---|---|
| UL Flammability Rating | UL 94V-0 |
| Performance Category | Cat 5 |

## Operation/Application

| | |
|---|---|
| Indicator Type | LED |
| Shielded | Yes |
| Circuit Application | Signal |

## Configuration Features

| | |
|---|---|
| Number of PCB Ground Tabs | 4 |
| Number of Panel Ground Tabs | 8 |
| Multiple Port Configuration | Ganged |
| Port Configuration | Multiple Ports |
| Port Matrix Configuration | 1 x 2 |
| Connector Contact Density | Standard |
| Number of Positions | 8 |
| Number of Loaded Positions | 8 |
| PCB Mount Orientation | Right Angle |

## Product Type Features

| | |
|---|---|
| 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 | PCB and Panel Ground |
| Connector & Contact Terminates To | Printed Circuit Board |

## Termination Features

| | |
|---|---|
| Termination Method to PCB | Through Hole - Solder |
| Termination Post & Tail Length | 3.56 mm[.14 in] |

## Housing Features

| | |
|---|---|
| Mating Entry Location | Side |
| Centerline (Pitch) | 1.02 mm[.04 in] |
| Housing Color | Black |

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| | |
|---|---|
| Housing Material | High Temperature Thermoplastic |

### Dimensions

| | |
|---|---|
| Connector Height | 13.35 mm[.55 in] |

### Usage Conditions

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

### Other

| | |
|---|---|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance | Compliant |

## Product Compliance

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

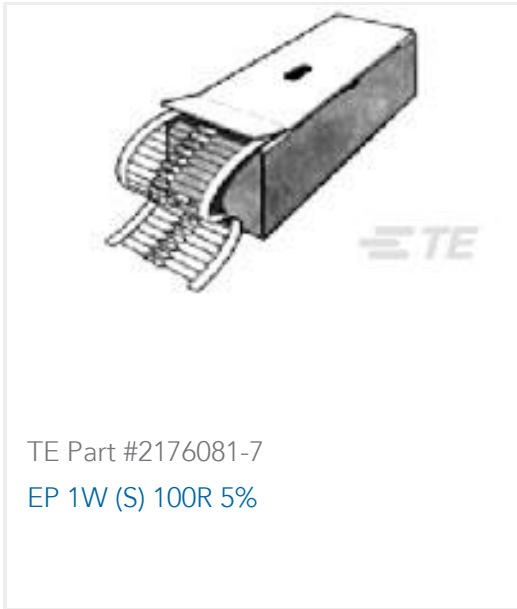| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Wave solder capable to 265°C |

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

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TE Part # 188729-1
8P.COVER/SOLD.STOP

## Customers Also Bought

TE Part #2007562-6
SFP+ assy 2x6 Spring Fingers inner Lp
Sn

TE Part #5569564-1
MJ ASSY,R/A,8 POS,LED GRN&YELW

TE Part #2176081-7
EP 1W (S) 100R 5%

TE Part #4-1879208-7
CPF 0402 820R 0.1% 25PPM 1K RL

TE Part #1-2176339-4
CRGCQ 0603 120R 1%

TE Part #2176341-1
CRGCQ 0805 10R 1%

TE Part #3-2176371-5
RQ 0603 10K5 0.1% 10PPM 5K RL

TE Part #CAT-D9934-A75E
Header Assembly: Wire-to-Board, 15A,
gold or tin plated

TE Part #9-2176379-2
RQ 0805 953R 0.1% 10PPM 5K RL

## Documents

### Product Drawings
INV MJ,1X2,PNL GND,LED(G/Y)

English

### CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_6116353-9_D_c-6116353-9-d.2d_dxf.zip

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English

**Customer View Model**

ENG_CVM_CVM_6116353-9_D_c-6116353-9-d.3d_igs.zip

English

**Customer View Model**

ENG_CVM_CVM_6116353-9_D_c-6116353-9-d.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

## Product Specifications

Application Specification

English