

1987328-1 ✓ ACTIVE



Industrial RJ45 IP20

TE Internal #: 1987328-1

Circular RJ45 Connector, Single Port, Standard Connector Contact Density, Plug, Shielded, Cat 5e, 8 Position, Wire & Cable, Industrial RJ45 IP20

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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 | 8 |
| Number of Loaded Positions | 8 |

Body Features

| | |
|-------------------------|--------------|
| Shield Plating Material | Tin |
| Shield Material | Copper Alloy |

Contact Features

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



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

Mechanical Attachment

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

Housing Features

| | |
|------------------|----------------------|
| Housing Material | Nylon, Polycarbonate |
|------------------|----------------------|

Usage Conditions

| | |
|-----------------------------|---|
| Operating Temperature Range | -40 - 70 $^{\circ}\text{C}$ [-40 - 158 $^{\circ}\text{F}$] |
|-----------------------------|---|

Operation/Application

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

Industry Standards

| | |
|----------------------|--------|
| IP Rating | IP20 |
| Performance Category | Cat 5e |

Packaging Features

| | |
|--------------------|----------|
| Packaging Quantity | 10, 50 |
| 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) Candidate List Declared Against: JAN 2024 (240) 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



TE Part # 2301994-4
RJ45 JACK INT.MAG. 10/100 1X1



TE Part # 133039-E
MJ DS-LG5 ** 8 8 2 * GF9 ** 30 5 J 3 1



TE Part # 133041-E
MJ DS-LG5 ** 8 8 4 * GF9 ** 30 * J 3 1



TE Part # 133044-E
MJ DS-LG5 ** 8 8 8 **** 30 * J 3 133



TE Part # 133051-E
MJ DS-LG5 ** 8 8 2 **** 30 * J 3 133



TE Part # 133054-E
MJ DS-LG5 ** 8 8 6 * GF9 T * 30 * J 3 1



TE Part # 133080-E
MJ DS-LG5 ** 8 8 16 * GF9 T * 30 * J 3



TE Part # 133167-E
MJ HS R51 * 8 8 ** GF5 ** 30 5 J 3 133



TE Part # 133183-E
MJ HS V * 8 8 **** 30 * J 3 133819



TE Part # 133184-E
MJ HS V5 * 8 8 **** 30 * J 3 133819



TE Part # 133190-E
MJ DS VG * 8 8 8 **** 30 * J 3 133190



TE Part # 133208-E
MJ HS G * 8 8 2B * GF5 ** 30 3/4 J 3 13




TE Part # 133222-E
MJ HS G5 * 8 8 6B * GF5 T * 30 * J 3 133



TE Part # 133268-E
MJ LS * * 8 8 * * * * * 30 * J 3 133854



TE Part # 133611-E
MJ LSS * * 8 8 * * * STP * 30 * J 3 2034



TE Part # 133673-E
MJ DS-LG5 * * 8 8 6 * * T * 30 * J 3 133



TE Part # 133919-E
MJ HS G5 * 8 8 4B * GF5 T * 30 * J 3 133



TE Part # 133921-E
MJ HS G5 * 8 8 2B * GF5 * * 30 5 J 3 133



TE Part # 133934-E
MJ HS V5 * 8 8 * * * * * 50 * J 3 133819



TE Part # 203185-E
MJIM IM 1X4 S 810 GF5 T F2 THRU * * M5B0


Also in the Series | Industrial RJ45 IP20



Connector Hardware(1)



PCB D-Sub Connectors(1)



RJ45 Connectors(8)

Customers Also Bought



TE Part # 1757820-7
AMPLIMITE,ASY,RCPT,STD,109,ZN,2, CT



TE Part # 205559-2
RECEPT ASSY,25 POSN,AMPLIMITE



TE Part # 1-1625812-2
3631B 47UH 15% FIO



TE Part # 7-2176089-2
RP 1J 0.166W 63K4 0.1% 25PPM 1K RL



TE Part # 9-2176088-6
RP 1J 0.166W 8K87 0.1% 25PPM 1K RL



TE Part # 2176339-7
CRGCC 0603 33R 1%



TE Part # 443975-2
AMPLIMITE,RCPT ASY,POSTD,109,2



TE Part # 226177-2
COAX PCB PICK TYPE TERMN



Documents

Product Drawings

[RJ45 COMMON CORE, 4x2 POS.](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1987328-1_C.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1987328-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1987328-1_C.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[M8 / M12 Connector System Catalog](#)

English

Product Specifications

[Application Specification](#)

English