

Industrial RJ45 IP20

TE Internal #: 1987328-1

Circular RJ45 Connector, Single Port, Plug, Shielded, Cat 5e, 8 Position, Wire & Cable, Signal, Nylon / Polycarbonate, Gold (Au), 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
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Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material Thickness	1.27 µm[50 µin]

Mechanical Attachment

Connector Mounting Type	Panel Mount
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Housing Features

Housing Material	Nylon, Polycarbonate
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Usage Conditions

Operating Temperature Range	-40 – 70 °C[-40 – 158 °F]
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Operation/Application

Indicator Type	No Indicator
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>

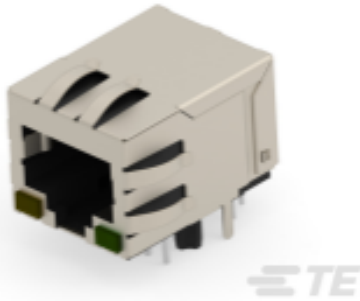
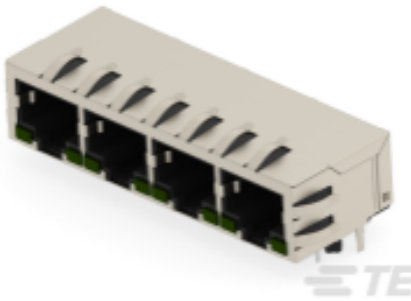
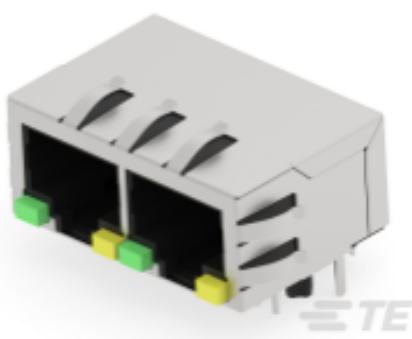
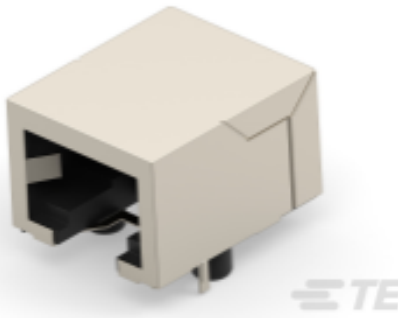
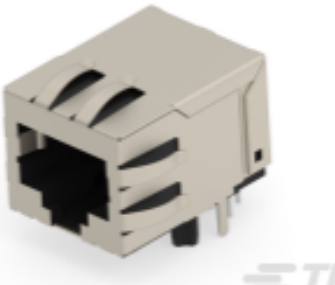
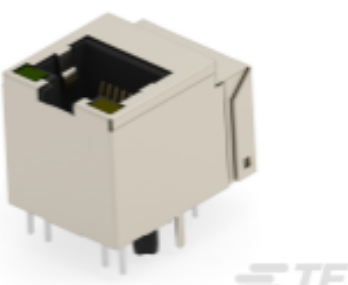
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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>

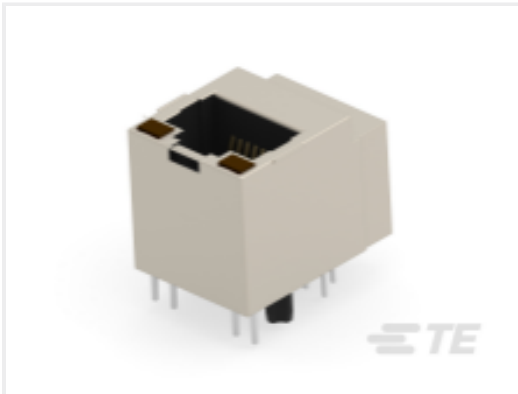
Compatible Parts

 TE Part # 133222-E MJ HS G5 * 8 8 6B * GF5 T * 30 * J 3 133	 TE Part # 203185-E MJIM IM 1X4 S 810 GF5 T F2 THRU ** M5B0	 TE Part # 203211-E MJIM IM 1X1 S 810 GF5 X R THRU * L1A M5B	 TE Part # 203302-E MJIM IM 1X4 S 810 GF5 T R THRU * L3A M5B
 TE Part # 203352-E MJIM IMR 1X1 S 810 GF5 X R THRU * L9A M5	 TE Part # 323452-E MJ HS R * 8 8 ** GF5 ** 50 3/4 J 3 * M	 TE Part # 203313-E MJIM IM 1X2 S 88 GF5 * R THRU * L2A M3D0	 TE Part # 203495-E MJ LSS ** 8 8 *** 999999 30 * J 3 2 M3D0
 TE Part # 203416-E MJIM IM 1X1 S 88 GF5 X R THRU * L2 H3D01	 TE Part # 203189-E MJIM IM 1X1 S 810 GF5 X R THRU ** M5B01	 TE Part # 203324-E MJIM IMV 1X1 S 88 * X R THRU * L2 M3D01	 TE Part # 203343-E MJIM IMV 1X1 S 810 * X R THRU * L2A M5B0





TE Part # 203225-E
MJIM IM 1X1 S 810 GF5 X R THRU * L2 M5B0



TE Part # 203346-E
MJIM IMV 1X1 S 810 * X R THRU * L9A M5B0



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



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



TE Part # 203290-E
MJIM IM 1X1 S 88 GF5 X R THRU * L3A H3D0



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



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



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

Also in the Series

Industrial RJ45 IP20



Connector Hardware(1)



RJ45 Connectors(9)

Customers Also Bought



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



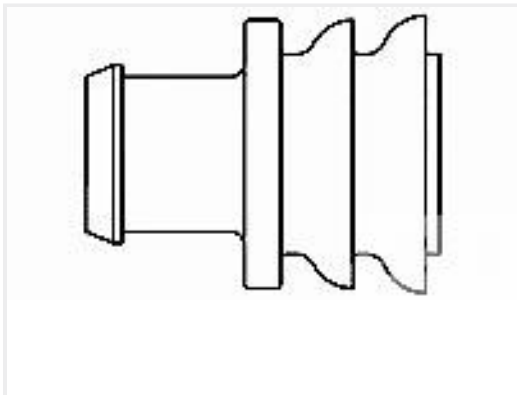
TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING



TE Part #281934-2
SINGLE WIRE SEAL



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

M8 / M12 Connector System Catalog

Japanese

Product Specifications

Application Specification

English