

1987236-3  ACTIVE

Industrial RJ45 IP20

TE Internal #: 1987236-3

Circular RJ45 Connector, Single Port, Plug, Shielded, Cat 5e, 8 Position, Wire & Cable, Signal, Polycarbonate GF, Gold (Au), Industrial RJ45 IP20

[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 8

Number of Loaded Positions 8

Body Features

Shield Plating Material Nickel

Shield Material Copper Alloy

Contact Features

Contact Current Rating (Max) .5 A

Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Phosphor Bronze
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	Polycarbonate GF
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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	No, Yes
Circuit Application	Signal

Industry Standards

IP Rating	IP20
Performance Category	Cat 5e

Packaging Features

Packaging Quantity	50
Packaging Method	Box

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (1% in 35034964093)

Article Safe Usage Statements:
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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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>

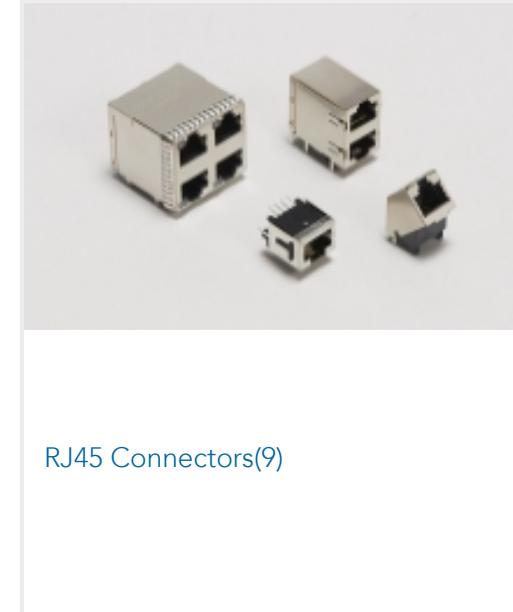
Compatible Parts



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

Also in the Series | [Industrial RJ45 IP20](#)

Connector Hardware(1)



RJ45 Connectors(9)

Customers Also Bought



TE Part #214782-E
EPSVA KS GDM4 EE 10 3,8 SN *
STROMVERSOR



TE Part #204752-E
STVC 96 F ABC VVV 7-00 EE 4,0 * 247
E007



TE Part #178326-2
DYNAMIC DBL ROW HDR ASSY 12P V
PdNi & Au



TE Part #2-178802-3
DYNAMICCD3100 TAB HSG 3P PM Y-KE



TE Part #2-179553-4
DYNAMIC D-3200S TAB HSG 4P K/Y



TE Part #1318123-1
DYNAMIC D2100 HDR V ASSY 3P



TE Part #CAT-D9934-A15A
Receptacle and Tab Housing: 2.0 mm pitch, 125V



TE Part #1-1903131-0
DYNAMIC 1200D TAB HSG 20P P/M



TE Part #083506-E
CODEZT STVCFL COLS * 172
CODIERUNG 1 083

Documents

Product Drawings

RJ45 CONNECTOR IP20 45 DEG., INDUSTRIAL

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1987236-3_A.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1987236-3_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1987236-3_A.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

Instruction Sheets

Instruction Sheet (non U.S.)

English

Agency Approvals

UL Report

English