



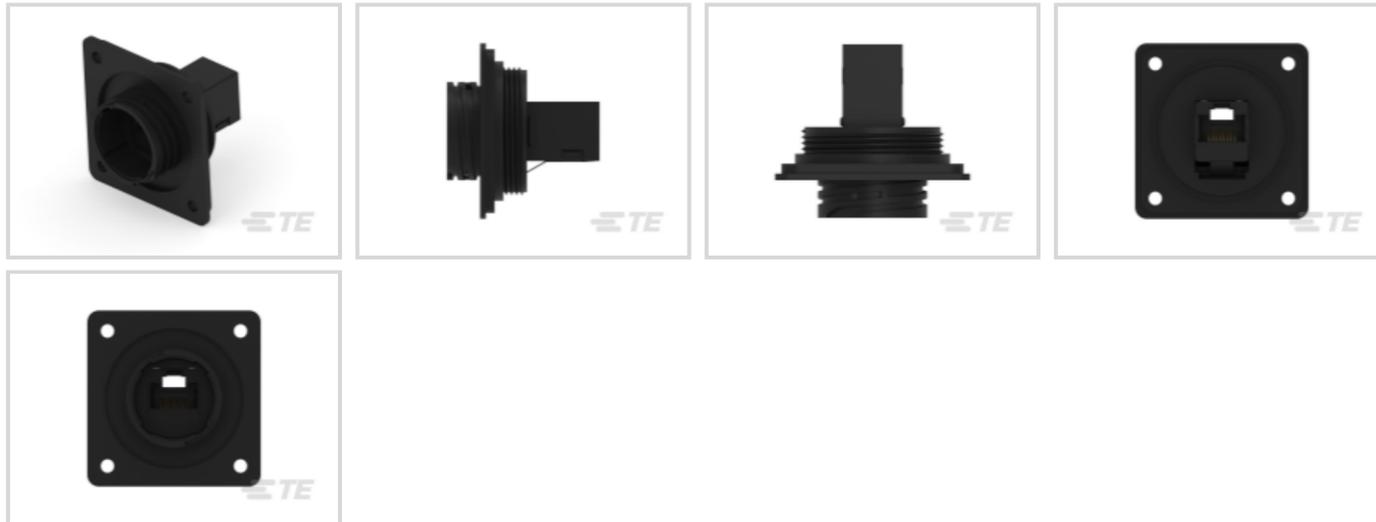
Industrial RJ45 Circular Plastic Connectors

TE Internal #: 1986172-1

Circular RJ45 Connector, Single Port, Shielded, Cat 5e, 1 Position, Power, Signal & High Speed Data, Industrial RJ45 Circular Plastic Connectors

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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: **Accessories**

Connector Contact Density: **Standard**

Shielded: **Yes**

Features

Product Type Features

Modular Jack & Plug Interface Type	Circular RJ45
Modular Jacks & Plugs Products	Accessories

Configuration Features

Port Configuration	Single Port
Connector Contact Density	Standard
Number of Positions	1
Number of Loaded Positions	1

Contact Features

Contact Current Rating (Max)	1.5 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	Cable Mount (Free-Hanging)
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Housing Features

Housing Material	6/6 Nylon
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Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
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Operation/Application

Indicator Type	No Indicator
Shielded	Yes
Circuit Application	Power, Signal & High Speed Data

Industry Standards

IP Rating	IP67
UL Flammability Rating	UL 94V-0
Performance Category	Cat 5e

Packaging Features

Packaging Quantity	1
Packaging Method	Bag

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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>

Also in the Series | Industrial RJ45 Circular Plastic Connectors

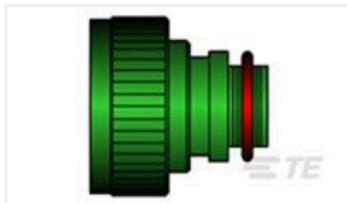


RJ45 Connectors(2)

Customers Also Bought



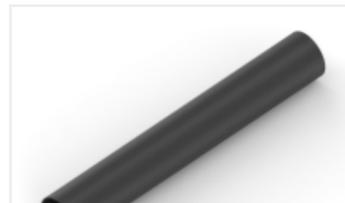
TE Part #5677562009
RNF-3000-3/1-0-STK



TE Part #966286-000
TXR40AB00-2218AI



TE Part #T4171110405-001
M12,REAR MOUNTING,FEMALE,B,5P,
0.2M WIRE



TE Part #NB17012001
DWP-125-1-1/2-0-STK



TE Part #281838-5
HOUSING HE13 HE14 COSI 5 P



TE Part #9-1415036-1
PTMT00A0



TE Part #5-1415037-1
PT17016



TE Part #4-1419111-2
PT270024



TE Part #8-6609940-7
PMOSDS6B=C3401



TE Part #6-1393234-8
RP421024

Documents



Product Drawings

PASSTHROUGH SHIELDED RECPT ASSY

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1986172-1_A.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1986172-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1986172-1_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

INDUSTRIAL_ETHERNET_PRODUCTS

English

Circular Plastic Connectors Series 45 Ethernet

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English