

1986280-1

✓ ACTIVE

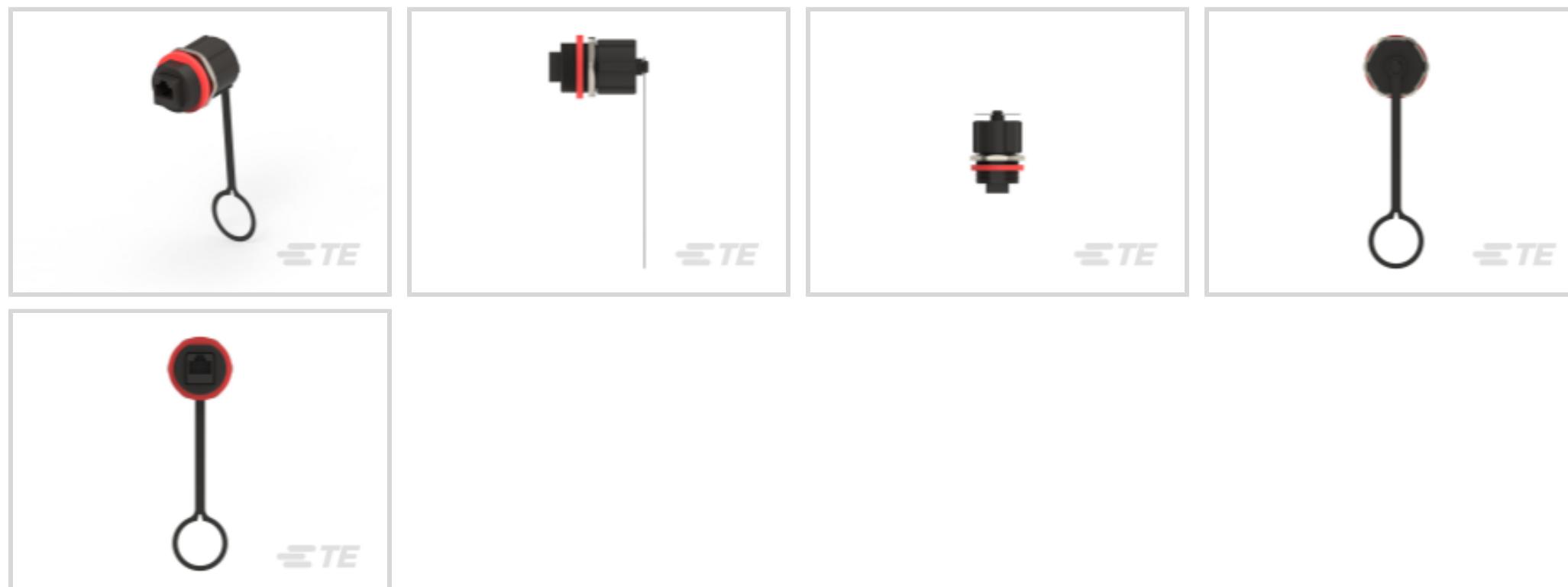
Industrial RJ45 Variant 1

TE Internal #: 1986280-1

Circular RJ45 Connector, Single Port, Receptacle, Cat 5e, 8 Position, Signal, Black, Polyester / Polyester GF, Gold (Au), Industrial RJ45 Variant 1

[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: **Receptacle****Features****Product Type Features**

Modular Jack & Plug Interface Type Circular RJ45

Modular Jacks & Plugs Products RJ Type Jacks & Plugs

Modular Connector Style Receptacle

Configuration Features

Port Configuration Single Port

Connector Contact Density Standard

Number of Positions 8

Number of Loaded Positions 8

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

Panel Mount

Housing Features

Housing Color

Black

Housing Material

Polyester, Polyester GF

Usage Conditions

Operating Temperature Range

-40 – 85 °C [-40 – 185 °F]

Operation/Application

Indicator Type

No Indicator

Shielded

No

Circuit Application

Signal

Industry Standards

IP Rating

IP67

Performance Category

Cat 5e

Packaging Features

Packaging Quantity

1

Packaging Method

Box, Package

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

EU RoHS Directive 2011/65/EU

Compliant with Exemptions

EU ELV Directive 2000/53/EC

Out of Scope

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 (.91% in 35553032563)

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.

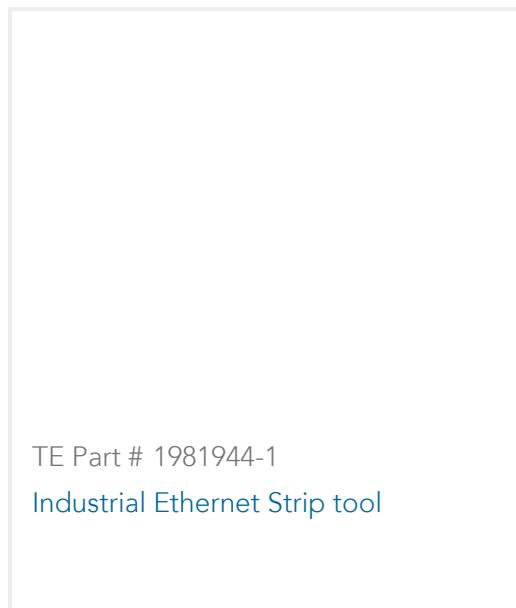
Solder Process Capability

Not applicable for solder process capability

Product Compliance Disclaimer

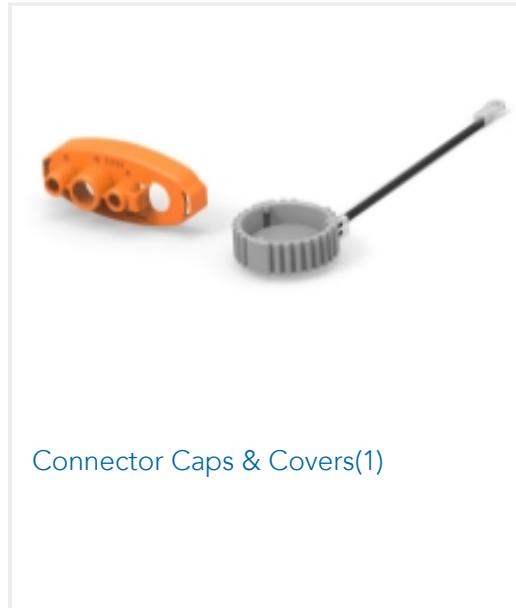
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1981944-1
Industrial Ethernet Strip tool

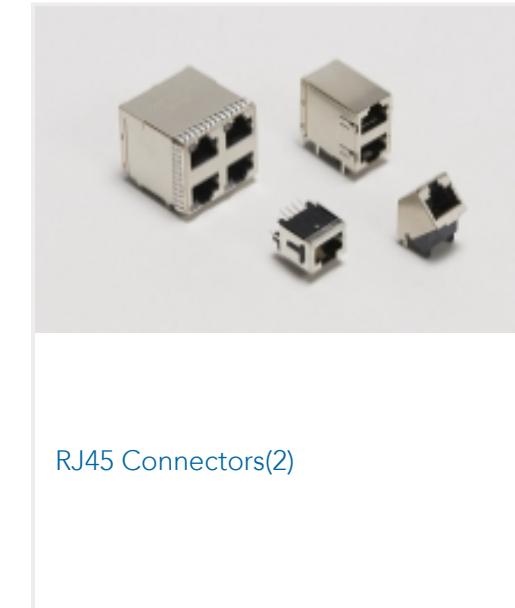
Also in the Series | Industrial RJ45 Variant 1



Connector Caps & Covers(1)



Connector Hardware(2)



RJ45 Connectors(2)

Customers Also Bought



TE Part #1SNK706150R0000
ZK4-PE



TE Part #1SNK805015R0000
ZDK2.5-11



TE Part #354071-E
SMCB 20 F AB VV 7-23 CL * H007 137
E002



TE Part #AEA874N0000150A000
617 RECEPTACLE, SPEEDTEC-READY

TE Part #ASA876N0086200A000
617 PLUGTE Part #1SNK712150R0000
ZK16-PETE Part #1SNK510030R0000
ZS16-ORTE Part #802630-SF
FN3026HP-50-72TE Part #1SNK900401R0000
PG5TE Part #5-1618404-0
KHR500KSANL=Contactor, SPST-NO

Documents

Product Drawings

Receptacle Kit and Cover ODVA Ethernet

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1986280-1_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1986280-1_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1986280-1_D.3d_stp.zip](#)

English

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Agency Approvals

UL Report

English