1986280-1 ✔ ACTIVE

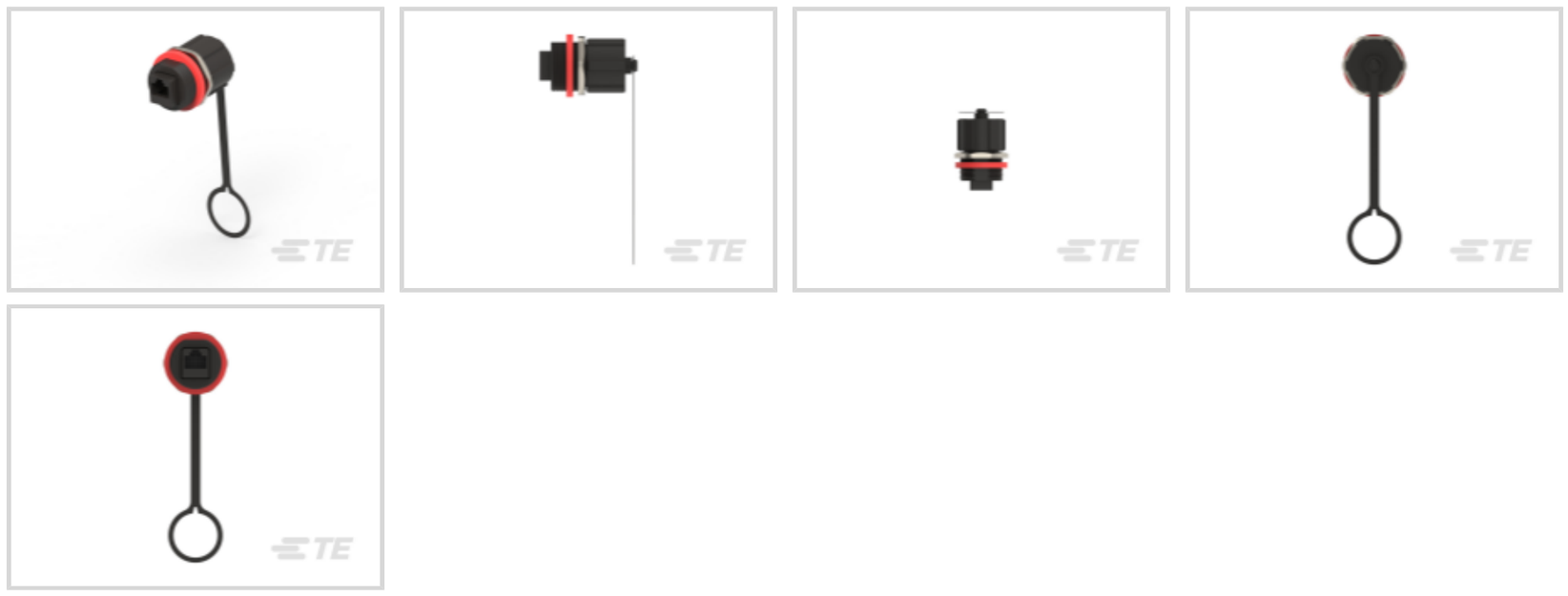
Industrial RJ45 Variant 1

TE Internal #: 1986280-1

Circular RJ45 Connector, Single Port, Standard Connector Contact Density, Receptacle, Cat 5e, 8 Position, Signal, Black, 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
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	Not Illuminated
Shielded	No
Circuit Application	Signal

Industry Standards

IP Rating	IP67
Performance Category	Cat 5e

Packaging Features

Packaging Quantity	1
Packaging Method	Box, Package

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (3% in Component Part) **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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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(5)

Customers Also Bought



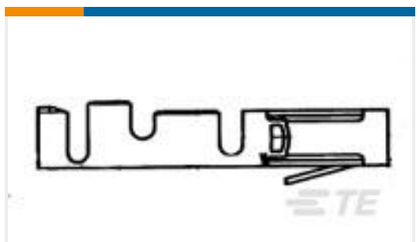
TE Part # HDP26-18-20SN
PLG, 20P, BLK, N, 16/20, S



TE Part # 8-320861-1
TERMINAL,PIDG SPD FLG 16-14 6



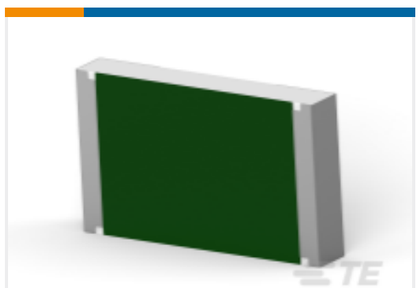
TE Part # T4113002081-000
M12,MALE,RA,A CODE,8P,PG9,GOLD



TE Part # 181270-1
AMP-MODU CONTACT



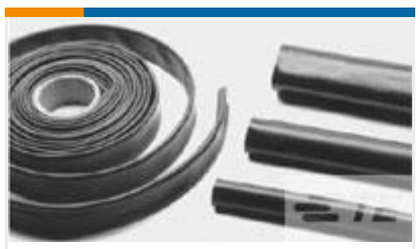
TE Part # 1-480699-0
02P UMNL CAP HSG NATL



TE Part # 2176402-5
3540 560R 5%



TE Part # 1-2176411-1
1/2W SM M/OX 5% 30K



TE Part # CB5012-000
BSTS-07X25



TE Part # CN9925-000
SBP100375WE1-T200



TE Part # 1-2134249-0
D3900 SPRING CLAMP REC 10P w /oSEAL-typeA

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