

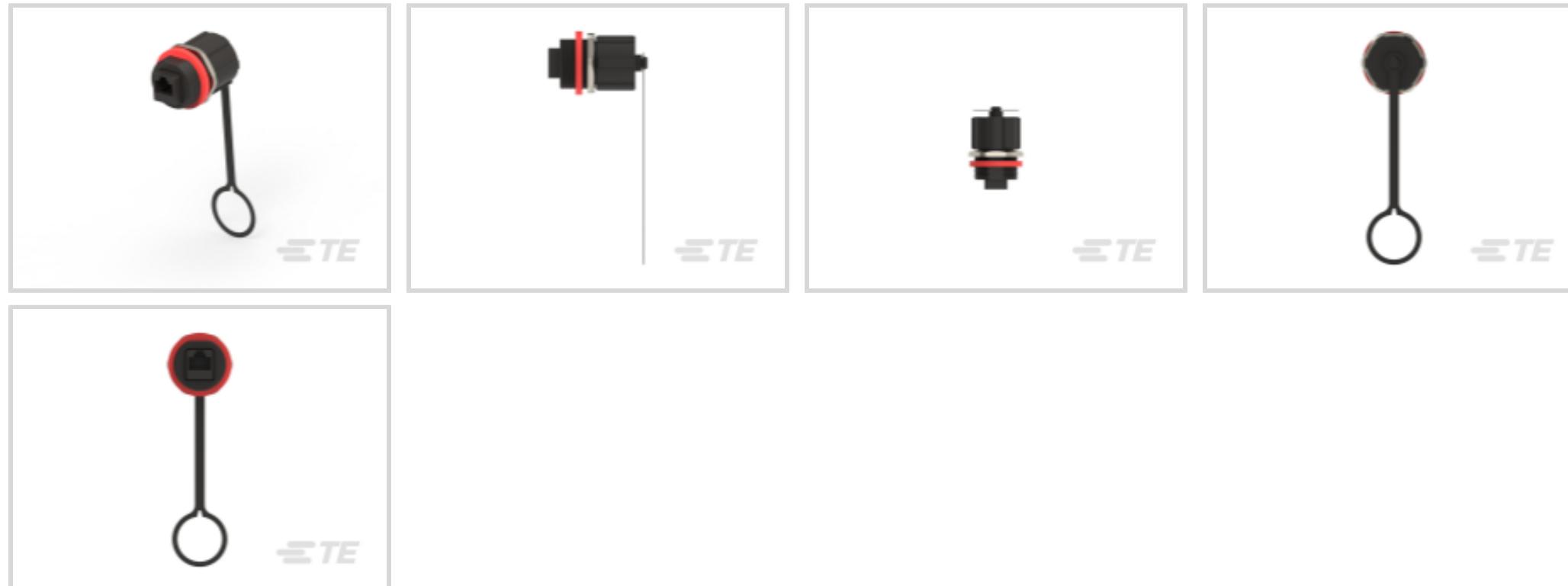
Industrial RJ45 Variant 1

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 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

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

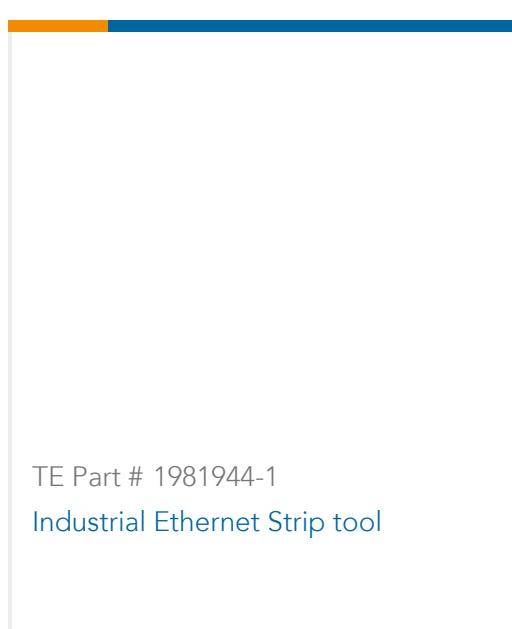
Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Not applicable for solder process capability

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>

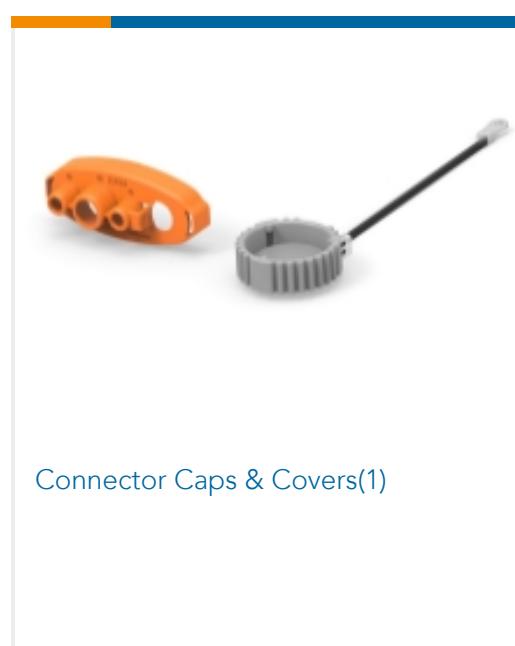
Compatible Parts



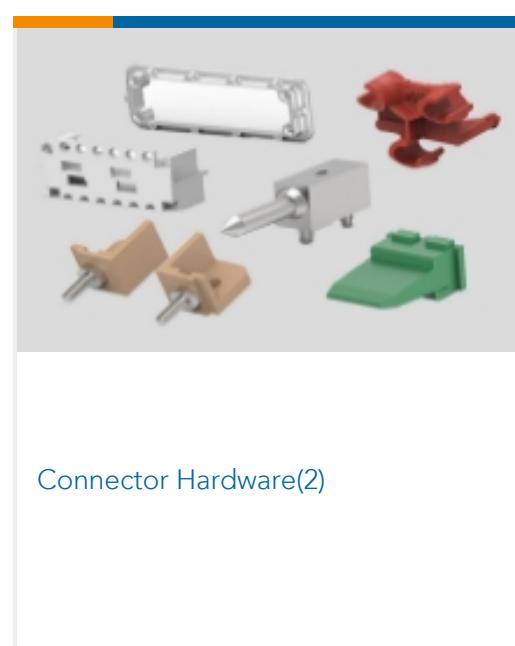
TE Part # 1981944-1
[Industrial Ethernet Strip tool](#)

Also in the Series

Industrial RJ45 Variant 1



[Connector Caps & Covers\(1\)](#)



[Connector Hardware\(2\)](#)



[RJ45 Connectors\(5\)](#)

Customers Also Bought



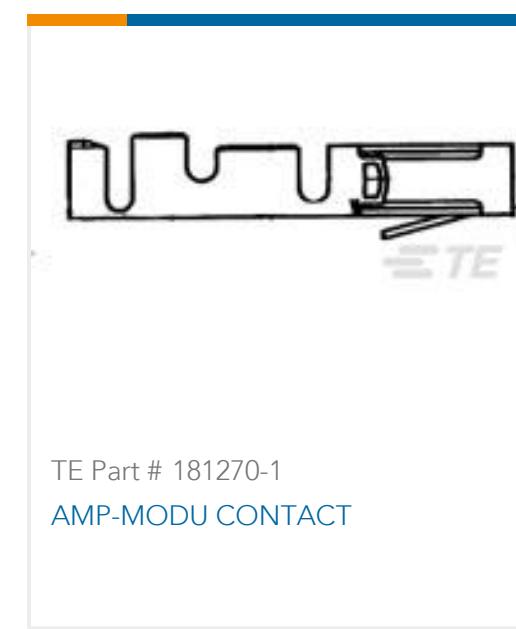
TE Part # HDP26-18-20SN
PLG, 20P, BLK, N, 16/20, S



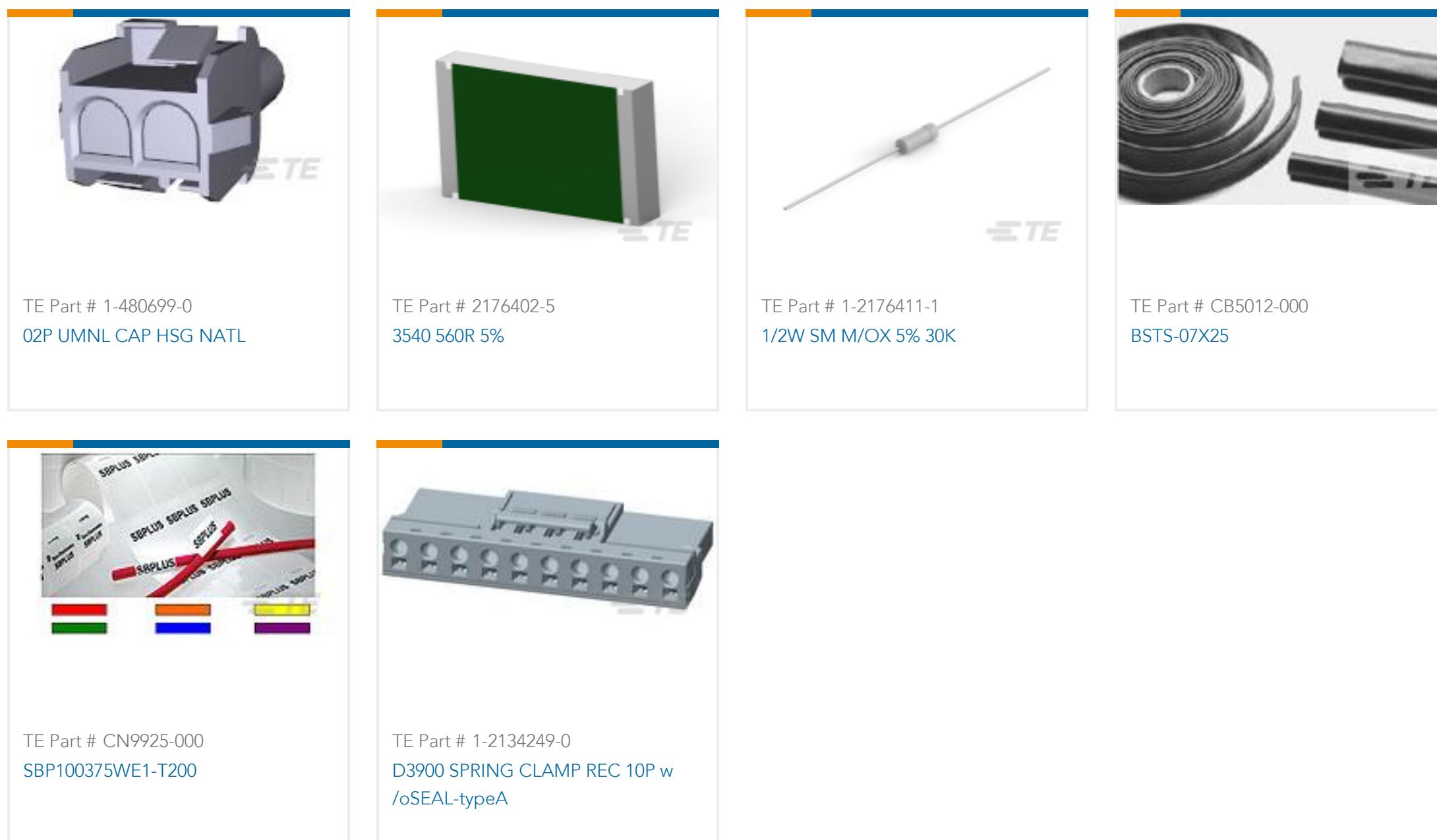
TE Part # 8-320861-1
TERMINAL,PIDG SPD FLG 16-14 6



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



TE Part # 181270-1
AMP-MODU CONTACT



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