



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
Grounding Options	PCB Ground

Configuration Features

Port Configuration	Single Port
Connector Contact Density	Standard
Number of Positions	8
Number of Loaded Positions	8

Operation/Application

Shielded	Yes
Circuit Application	Signal
Indicator Type	No Indicator

Industry Standards

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Performance Category	Cat 5e
IP Rating	IP67

Body Features

Modular Jack Latch Orientation	Standard - Latch Down
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Contact Features

Contact Current Rating (Max)	1.5 A
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]

Housing Features

Housing Color	Black
Housing Material	Acrylonitrile-Butadiene-Styrene(ABS)

Mechanical Attachment

Connector Mounting Type	Panel Mount
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Packaging Features

Packaging Method	Package
Packaging Quantity	1

Usage Conditions

Operating Temperature Range	-20 – 80 °C[-4 – 176 °F]
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

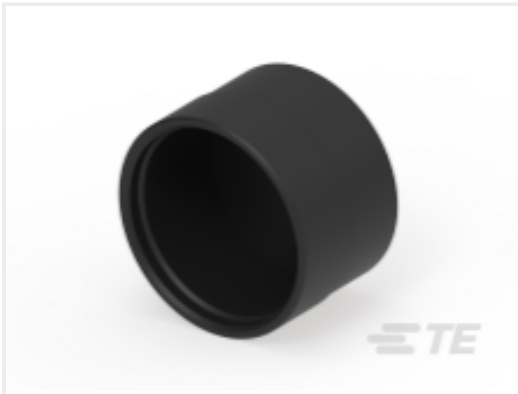
Product Compliance Disclaimer

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>

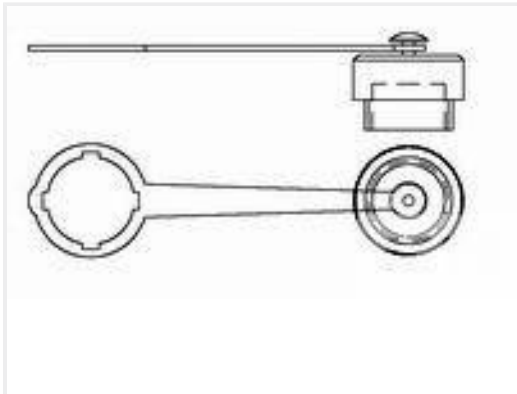
Compatible Parts



TE Part # 1546440-1
ETHERNET FIELD ATTACHABLE CONN



TE Part # 1-1546407-1
ETHERNET CLOSURE CAP IP65,W/O LANYARD



TE Part # 1-1546408-1
ETHERNET CLOSURE CAP FOR CRDSET



TE Part # 1-1546406-1
ETHERNET CLOSURE CAP RECEPT W /LANYRD

Also in the Series | Industrial RJ45 Variant 3

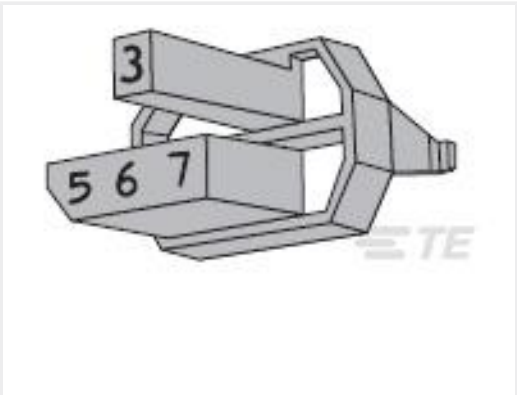


Connector Caps & Covers(3)



RJ45 Connectors(8)

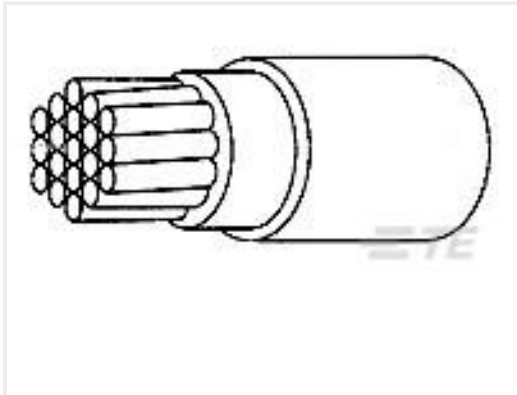
Customers Also Bought



TE Part #2-100526-0
Z-PACK F.CODING KEY



TE Part #201311-1
FEMALE BLOCK MIN. RECT.

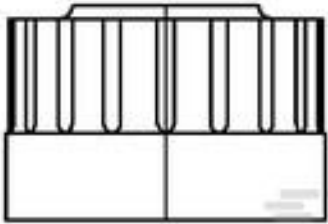


TE Part #9727873001
99M0111-20-2L



TE Part #3-1393250-2
W28-XQ1A-2=W28-

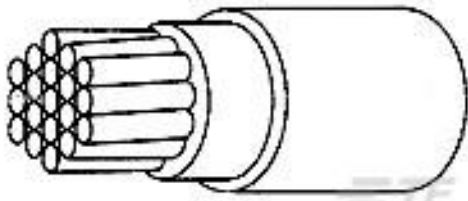




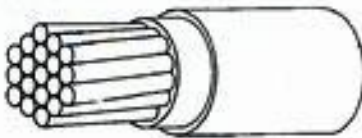
TE Part #1-1546407-1
ETHERNET CLOSURE CAP IP65,W/O LANYARD



TE Part #4-1393763-0
V23100V4324C000



TE Part #7627653001
99M0111-22-2



TE Part #CD61083001
44A0111-18-9CK0300

TE Part #F82782-000
CI-013-75V



TE Part #RJ45-ECS-6-NR
RJ45,ECS,6in, NO STRAIN RELIEF

Documents

Product Drawings

ETHERNET RJ-45 BLKHD PASSTHRU

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1546413-3_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1546413-3_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1546413-3_C.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

INDUSTRIAL_ETHERNET_PRODUCTS

English