



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
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

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

Body Features

Modular Jack Latch Orientation	Standard - Latch Down
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Contact Features

Contact Current Rating (Max)	1.5 A
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Mechanical Attachment

Connector Mounting Type	Panel Mount
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Housing Features

Housing Color	Black
Housing Material	Acrylonitrile-Butadiene-Styrene

Usage Conditions

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

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 2025 (250) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
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



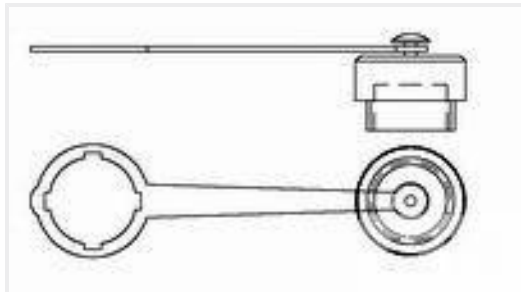
TE Part # 1546440-1
ETHERNET FIELD ATTACHABL CONN



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



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



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

Also in the Series | Industrial RJ45 Variant 3



Connector Caps & Covers(3)



RJ45 Connectors(8)

Customers Also Bought



TE Part #203346-E
MJIM IMV 1X1 S 810 * X R THRU * L9A M5B0



TE Part #CONMCX002
MCX Jack 50 Ohm PCB Through Hole



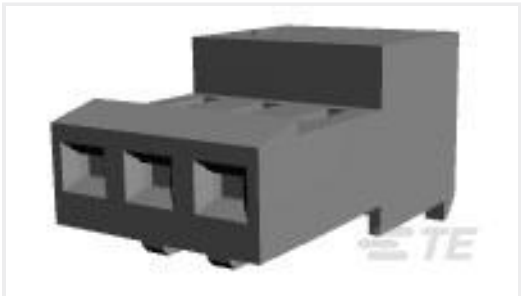
TE Part #CSE-SMBM-610-SMBM
SMB to SMB 610mm RG316



TE Part #5-104071-3
15 SYSTEM 50 HDR SRST SHRD SN



TE Part #292232-4
1.5 MINI CT SGL V SMT W/BOS,PO



TE Part #3-641535-3
03P MTA100 CONN ASSY LF



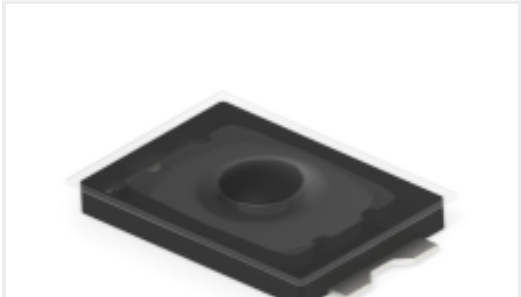
TE Part #1614914-1
CPF0805 2K0 0.1% 25PPM 5K RL



TE Part #2176055-1
RLP73V 2B R010 1% 1K RL



TE Part #8-2176091-6
RP 2A 0.25W 464R 0.1% 25PPM 1K RL



TE Part #2425753-2
Ultraminiature 2.0x3.0 tactile, 240gf

Documents

Product Drawings

ETHRNT RJ-45 BLKHD PASSTHRU12"

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1546414-4_E_c-1546414-4-e.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1546414-4_E_c-1546414-4-e.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1546414-4_E_c-1546414-4-e.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