

1546413-3 ✓ ACTIVE



Industrial RJ45 Variant 3

TE Internal #: 1546413-3

Circular RJ45 Connector, Single Port, Standard Connector Contact Density, Receptacle, Shielded, Cat 5e, Industrial RJ45 Variant 3

[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
Grounding Options	PCB Ground

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
Contact Mating Area Plating Material	Gold



Contact Mating Area Plating Material Thickness	.76 μm [30 μin]
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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(ABS)

Usage Conditions

Operating Temperature Range	-20 – 80 $^{\circ}\text{C}$ [-4 – 176 $^{\circ}\text{F}$]
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Operation/Application

Indicator Type	Not Illuminated
Shielded	Yes
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 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



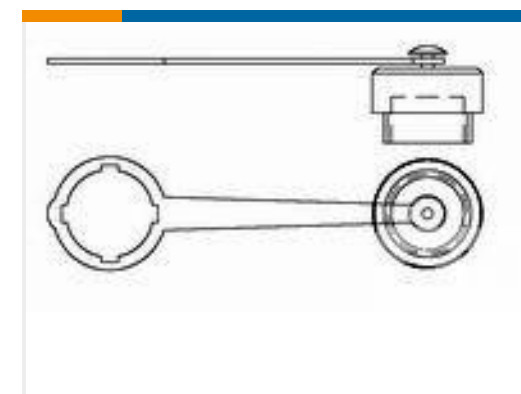
TE Part # 1-1546406-1
ETHERNET CLOSURE CAP RECPT W /LANYRD



TE Part # 1546440-1
ETHERNET FIELD ATTACHABL CONN




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




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

Also in the Series | Industrial RJ45 Variant 3



Connector Caps & Covers(3)



RJ45 Connectors(8)

Customers Also Bought



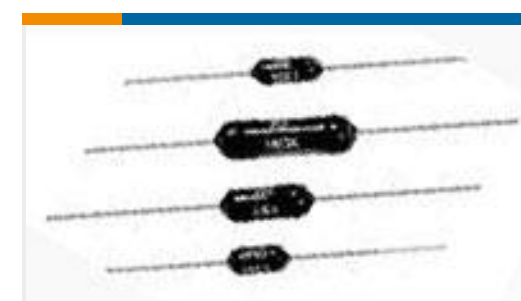
TE Part #1-6609037-2
6EMC1=F8127



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



TE Part #4-1393249-6
W58-XC4C12A-30=W58



TE Part #8-1879665-8
H8 100K 0.1% 15PPM



TE Part #3-456409-6
CRIMPER, WIRE .120 "F"



TE Part #2-480416-5
250 FASTON HSG., REC., 1 POS,
NATURAL



TE Part #579401-000
ECS-0101

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