



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	Wire & Cable

Configuration Features

Indicator Type	Not Illuminated
Port Configuration	Single Port
Connector Contact Density	Standard
Number of Positions	1
Number of Loaded Positions	1

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	Cable Mount (Free-Hanging)
-------------------------	----------------------------

Housing Features

Housing Material	6/6 Nylon
------------------	-----------

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
-----------------------------	---------------------------

Operation/Application

Shielded	Yes
Circuit Application	Power, Signal & High Speed Data

Industry Standards

IP Rating	IP67
UL Flammability Rating	UL 94V-0
Performance Category	Cat 5e

Packaging Features

Packaging Quantity	1
Packaging Method	Bag

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: JAN 2024 (240) Candidate List Declared Against: JAN 2023 (233) 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>

Also in the Series

Industrial RJ45 CPC

RJ45 Connectors(2)

Customers Also Bought

TE Part #T4110001081-000
M12,FEMALE,STRAIGHT,A CODE,8P, PG7,GOLD

TE Part #T4130012081-000
M12 Panel Mount Solder Cups

TE Part #2-34113-2
SOLIS R 22-16COMM 22-18MIL 1/4

TE Part #8-34123-1
TERM,SOLIS R 16-14 10

TE Part #5677614009
RNF-3000-39/13-0-SP

TE Part #2103340-1
HVA280 3 Bay Header Sub-Assy, KEY A,D,E

TE Part #285759-012
44A0111-26-9-US

Documents

Product Drawings

PASSTHROUGH SHIELDED RECPT ASSY

English

CAD Files

Customer View Model

ENG_CVM_CVM_1986172-1_A.2d_dxf.zip



English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1986172-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1986172-1_A.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

[Circular Plastic Connectors Series 45 Ethernet](#)

English

Product Specifications

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English