

2383216-3  ACTIVE

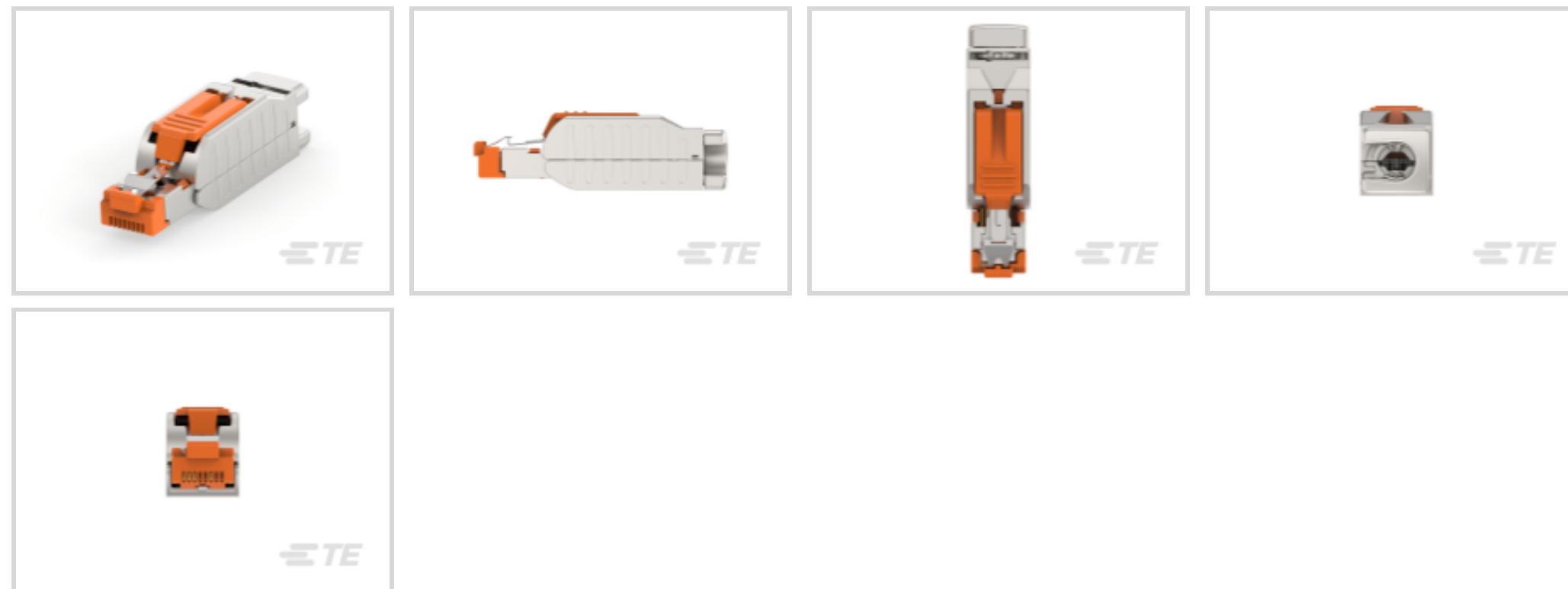
TE Internal #: 2383216-3

RJ45 Connector, Single Port, 1 x 1, Plug, Shielded, Cat 5e, 8 Position, Standard Profile, 1.02 mm [.04 in] Centerline, Wire & Cable, Power & Signal

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Connectors > Modular Jacks & Plugs > RJ45 Connectors



Modular Jack & Plug Interface Type: **RJ45**

Port Configuration: **Single Port**

Port Matrix Configuration: **1 x 1**

Modular Jacks & Plugs Products: **RJ Type Jacks & Plugs**

Connector Contact Density: **Standard**

Features

Signal Characteristics

Data Rate	1000 Mb/s
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Packaging Features

Packaging Quantity	50
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Packaging Method	Box
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Contact Features

Contact Underplating Material	Nickel
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Contact Current Rating (Max)	1.5 A
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Contact Mating Area Plating Material	Gold
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Contact Base Material	Copper Alloy
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Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
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Body Features

Insulator Material	Polymer
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Shield Plating Material	Nickel
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Shield Plating Finish	Matte
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Shield Material

Copper Zinc Alloy

Connector Profile

Standard

Industry Standards

IP Rating

IP20

UL Flammability Rating

UL 94V-0

Performance Category

Cat 5e

Operation/Application

Indicator Type

No Indicator

Shielded

Yes

Circuit Application

Power & Signal

Configuration Features

Multiple Port Configuration

Stacked

Port Configuration

Single Port

Port Matrix Configuration

1 x 1

Connector Contact Density

Standard

Number of Positions

8

Number of Loaded Positions

4

Product Type Features

Connector Product Type

Connector Assembly

Modular Jack & Plug Interface Type

RJ45

Modular Jacks & Plugs Products

RJ Type Jacks & Plugs

Modular Connector Style

Plug

Connector & Contact Terminates To

Wire & Cable

Mechanical Attachment

Connector Mounting Type

Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)

1.02 mm [.04 in]

Housing Color

Orange

Housing Material

Polyamide

Dimensions

Connector Height

16.5 mm [.649 in]

Usage Conditions

Operating Temperature Range

-40 – 85 °C [-40 – 185 °F]

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: JAN 2024
(240)SVHC > Threshold:
UV-329 (1% in Component Part)

Article Safe Usage Statements:

Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

Solder Process Capability

Not reviewed 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 # 5406299-1
MJ ASSY,S/P,8POS,SH,RVPGT,CAT 5e

TE Part # 1-406541-6
MJ,INV,1X1,6PNL G.,140"ST,SN

Customers Also Bought



TE Part #5-1393243-6
RT424F24



TE Part #280590
AMPMODU MOD I REC HOUSING



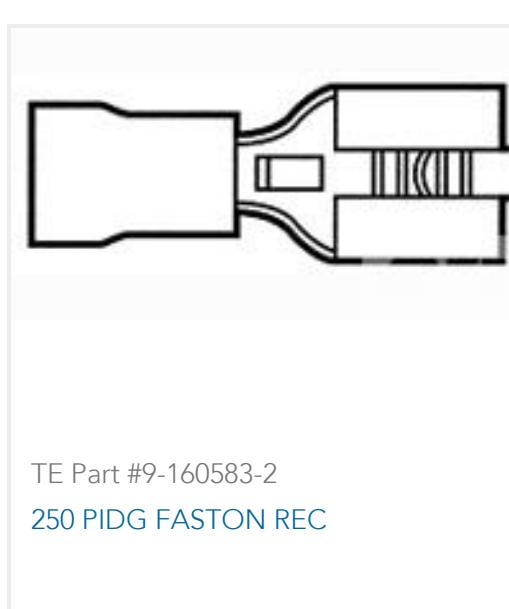
TE Part #ADP-SMAF-BNCF
SMA Jack to BNC Plug



TE Part #ANT-W63WS2-RPS
Antenna Blade Wifi6/6E Swivel RPS



TE Part #141879-2
250 FASTON,TAB,TPBR



TE Part #9-160583-2
250 PIDG FASTON REC



TE Part #1-969508-2
6POS MQS REC COD A



TE Part #142241-1
250 FASTON,TAB,BR



TE Part #2-1513472-6
UAM ASSEMBLY 830 MM CABLE
BLACK



TE Part #284377-E
M12 METAL SHELL, MALE, VERT,
13MM, D8.35

Documents

Product Drawings

[RJ45 FIELD INSTALLABLE CABLE CONN.](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2383216-3_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2383216-3_A.3d_jgs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2383216-3_A.3d_stp.zip](#)

English

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

Product Specifications

[Application Specification](#)

English

Instruction Sheets

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

English

Agency Approvals

[UL](#)

English