

1-406507-4  ACTIVE

TE Internal #: 1-406507-4

RJ45 Connector, Single Port, 1 x 1, Jack, Shielded, Cat 5, Inverted - Latch Up, 8 Position, Standard Profile, Through Hole - Solder, Right Angle

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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

Packaging Features

Packaging Quantity	441
Packaging Method	Tray, Box & Tray

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Height	13.35 mm[.525 in]

Mechanical Attachment

Panel Mount Feature	Without
Connector Mounting Type	Board Mount

Contact Features

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	1.5 A, .2 A
Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze

Contact Mating Area Plating Material Thickness 1.27 μm [50 μin]

Body Features

Insulator Material	Polyester
Shield Plating Material	Tin
Shield Material	Copper Zinc Alloy
LED Color (Top Right)	Yellow
LED Color (Top Left)	Green
PCB Ground Tab Location	-3.43 mm[-.135 in]
Modular Jack Latch Orientation	Inverted - Latch Up
Connector Profile	Standard

Industry Standards

UL Flammability Rating	UL 94V-0
Performance Category	Cat 5

Operation/Application

Indicator Type	LED
Shielded	Yes
Circuit Application	Signal

Configuration Features

Number of PCB Ground Tabs	2
Panel Ground Location	Top, Top and Side
Number of Panel Ground Tabs	6
Port Configuration	Single Port
Port Matrix Configuration	1 x 1
Connector Contact Density	Standard
Number of Positions	8
Number of Loaded Positions	8
PCB Mount Orientation	Right Angle

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	Jack

Grounding Options

PCB and Panel Ground

Connector & Contact Terminates To

Printed Circuit Board

Termination Features

Termination Method to PCB

Through Hole - Solder

Termination Post & Tail Length

2.54 mm [.1 in]

Housing Features

Mating Entry Location

Side

Centerline (Pitch)

1.02 mm [.04 in]

Housing Color

Black

Housing Material

High Temperature Thermoplastic

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: JUNE 2024 (241)
 Does not contain REACH SVHC

Halogen Content

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

Solder Process Capability

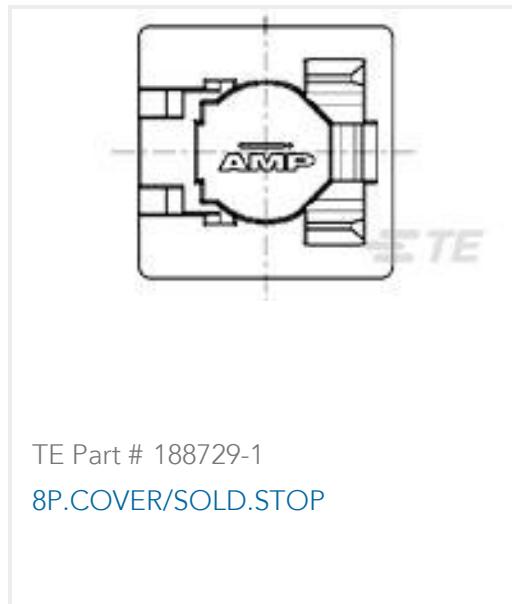
Wave solder capable to 265°C

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



Customers Also Bought



Documents

Product Drawings

[IMJ,1X1,P GRD,INSLT,LED\(Y/G\)SN](#)

English

CAD Files[3D PDF](#)

3D

Customer View Model[ENG_CVM_CVM_1-406507-4_M1.2d_dxf.zip](#)

English

Customer View Model[ENG_CVM_CVM_1-406507-4_M1.3d_igs.zip](#)

English

Customer View Model[ENG_CVM_CVM_1-406507-4_M1.3d_stp.zip](#)

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Customer View Model[ENG_CVM_1-406507-4_H.2d_dxf.zip](#)

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English

Customer View Model[ENG_CVM_1-406507-4_H.3d_stp.zip](#)

English

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English