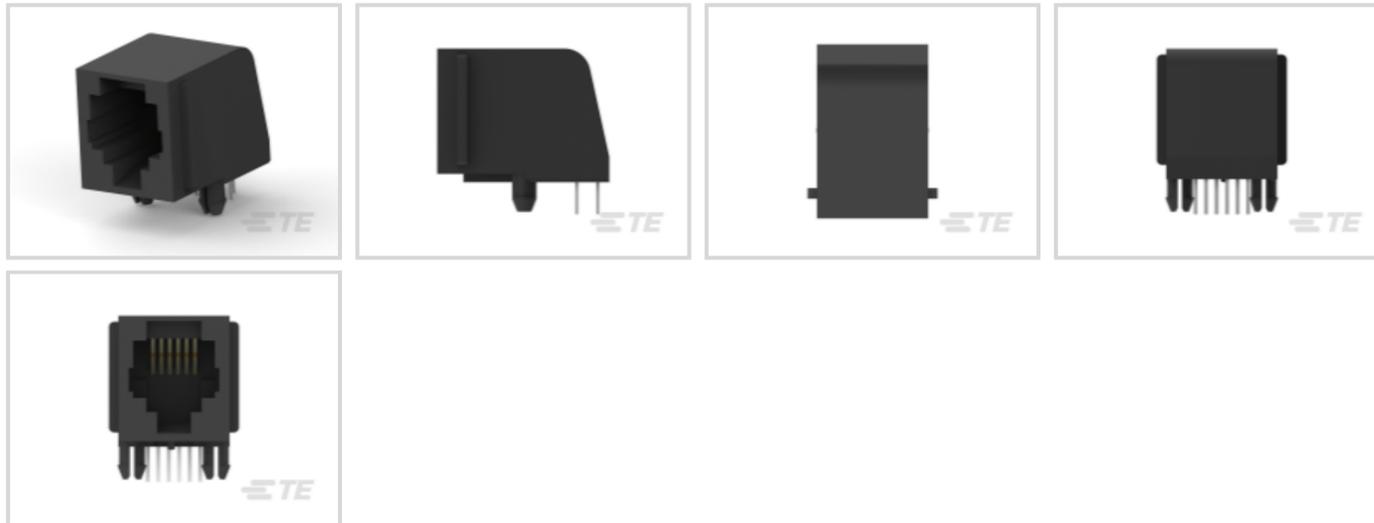




TE Internal #: 5520250-3
 RJ25 Connectors, Single Port, 1 x 1, Standard Profile, RJ Type Jacks & Plugs, Standard Connector Contact Density, Jack, Standard - Latch Down

[View on TE.com >](#)

Connectors > Modular Jacks & Plugs > RJ25 Connectors



Port Configuration: **Single Port**

Port Matrix Configuration: **1 x 1**

Connector Profile: **Standard**

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

Connector Contact Density: **Standard**

Features

Product Type Features

Grounding Options	None
Connector Product Type	Connector Assembly
Modular Jacks & Plugs Products	RJ Type Jacks & Plugs
Modular Connector Style	Jack
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Port Configuration	Single Port
Port Matrix Configuration	1 x 1
Connector Contact Density	Standard
PCB Mount Orientation	Right Angle
Number of Positions	6
Number of Loaded Positions	6

Body Features

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Connector Profile	Standard
Modular Jack Latch Orientation	Standard - Latch Down

Contact Features

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

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post & Tail Length	3.8 mm[.15 in]

Mechanical Attachment

Panel Mount Feature Type	Panel Stops
Mating Alignment	Without
Connector Mounting Type	Board Mount, Panel Mount
Panel Mount Feature	With

Housing Features

Mating Entry Location	Side
Housing Color	Black
Housing Material	PBT
Centerline (Pitch)	1.02 mm[.04 in]

Dimensions

Connector Height	16.13 mm[.635 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]

Usage Conditions

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

Shielded	No
Circuit Application	Signal

Industry Standards

Performance Category	Cat 3
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UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Box & Tray, Package

Packaging Quantity 152

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 2022 (224)
Candidate List Declared Against: JUNE 2022 (224)
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

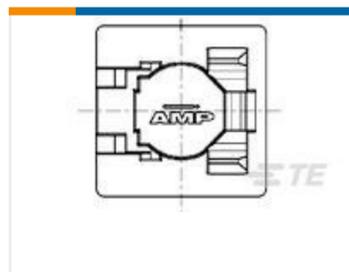
Product Compliance Disclaimer

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



TE Part # 215875-1
4/4 PCB MOD.JACK SE



TE Part # 106307-1
6P.COVER/SOLD.STOP



Documents

Product Drawings

[MJ,R/A,6P/6C,PNL STOPS,TRAY](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5520250-3_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5520250-3_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5520250-3_B.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[82066 - Modular Jacks and MRJ21 Product catalog - Single Port Modular Jacks section](#)

English

[1-1773464-9_MODULAR_JACKS_SINGLE_PORT_PCB_MOUNT](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[MD_5520250-3_08092016648_dmtec](#)

English

[MD_5520250-3_08092016648_dmtec](#)

English