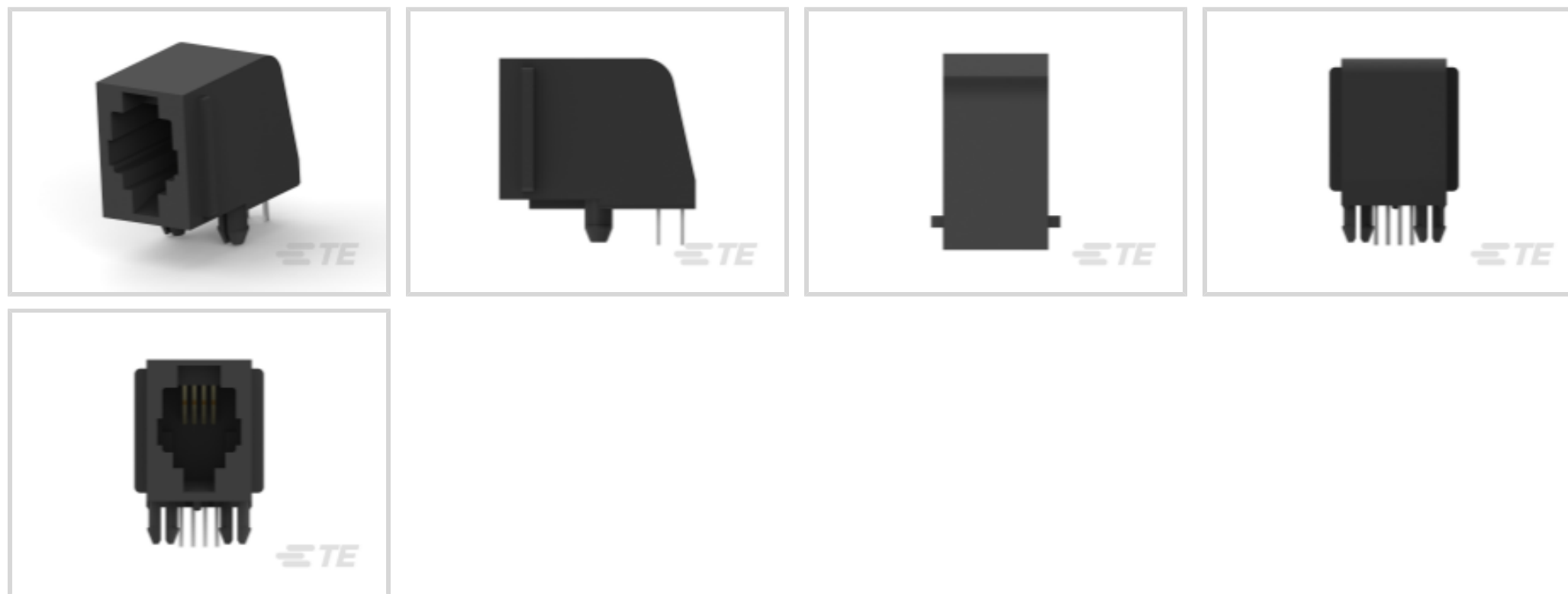


TE Internal #: 5520249-2  
 RJ22 Connectors, Single Port, Port Matrix Configuration 1 x 1, Low Profile, RJ Type Jacks & Plugs, Standard Connector Contact Density, Jack

[View on TE.com >](#)



Connectors > Modular Jacks & Plugs > RJ22 Connectors > RJ22 Connectors



Port Configuration: **Single Port**  
 Port Matrix Configuration: **1 x 1**  
 Connector Profile: **Low**  
 Modular Jacks & Plugs Products: **RJ Type Jacks & Plugs**  
 Connector Contact Density: **Standard**

[All RJ22 Connectors \(18\)](#)

## Features

### Product Type Features

Connectors & Connector Components Type	Connector
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	4
Number of Loaded Positions	4



### Body Features

Connector Profile	Low
Modular Jack Latch Orientation	Standard - Latch Down

### Contact Features

Contact Mating Area Plating Material Thickness	1.27 $\mu$ 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
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### Mechanical Attachment

Panel Mount Feature Type	Panel Stops
Panel Mount Feature	With
Connector Mounting Type	Board Mount

### Housing Features

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

### Dimensions

Connector Height	16.2 mm[.638 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]

### Usage Conditions

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

Shielded	No
Circuit Application	Signal

### Industry Standards

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

## Packaging Features

Packaging Method	Box & Tray, Package
Packaging Quantity	176

## 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 2021 (211) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

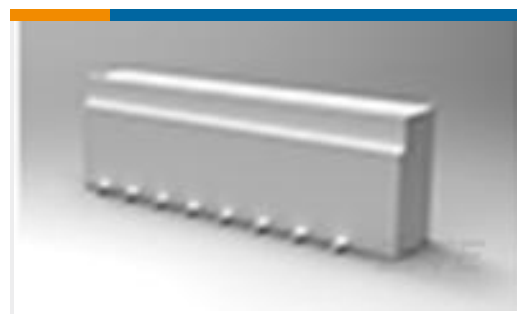
### Product Compliance Disclaimer

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



TE Part #1-84982-6  
1MM FFC SMT V ASSY 16P EMBOSS



TE Part #1-350944-0  
04P UMNL HDR ASSY R/A 94VO



TE Part #1658623-2  
14 NOVO MIL 30DP, LEAD FREE



TE Part #1746854-1  
SHILED FINGER 2411 ANTI OVER S



TE Part #1-2273035-1  
M12 A-CODE FEMALE STRAIGHT  
PIGTAIL



TE Part #1462042-3  
Signal Relay: 1 Form C, 1 CO Contacts



TE Part #1586892-3  
03P UMNL HDR ASSY R/A, GW V0



TE Part #1879129-6  
RN 0402 1K24 0.1% 10PPM 5K RL



TE Part #828763-1  
HIGH PIN COUNT HEADER



TE Part #1413009-9  
V23086C2001A403

## Documents

### Product Drawings

[MJ,R/A,4P,PNL STOP,TRAY](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_5520249-2\\_B\\_c-5520249-2-b.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5520249-2\\_B\\_c-5520249-2-b.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5520249-2\\_B\\_c-5520249-2-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

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**Product Specifications**

[Application Specification](#)

English

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**Product Environmental Compliance**

[MD\\_5520249-2\\_08092016647\\_dmtec](#)

English

[MD\\_5520249-2\\_08092016647\\_dmtec](#)

English