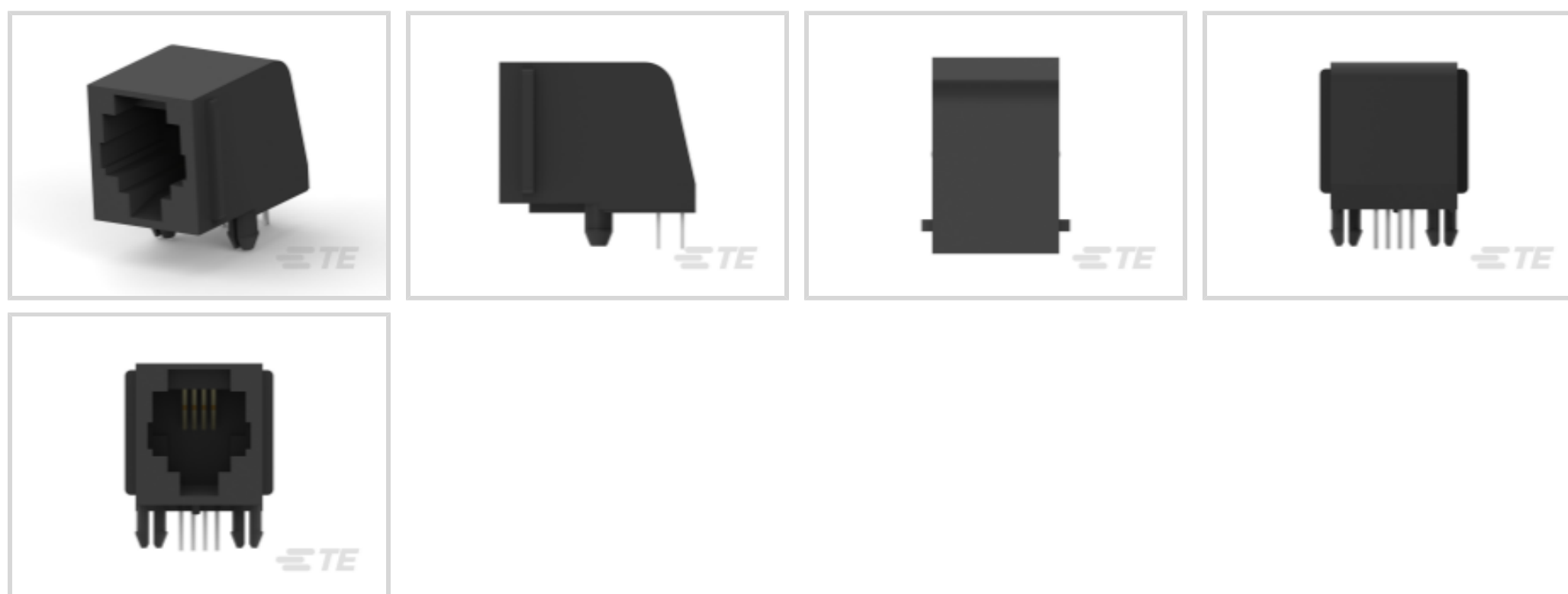# 5520250-2 ✓ ACTIVE

TE Internal #: 5520250-2

RJ14 Connectors, Single Port, 1 x 1, Low Profile, RJ Type Jacks & Plugs, Standard Connector Contact Density, Jack, Standard - Latch Down, Right Angle

View on TE.com >

Connectors > Modular Jacks & Plugs > RJ14 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**

Features

Product Type Features

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	4

Body Features

Connector Profile	Low
Modular Jack Latch Orientation	Standard - Latch Down

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RJ14 Connectors, Single Port, 1 x 1, Low Profile, RJ Type Jacks & Plugs, Standard
Connector Contact Density, Jack, Standard - Latch Down, Right Angle

Contact Features

Contact Mating Area Plating Material Thickness	1.27 µm
Contact Underplating Material	Nickel
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Gold
PCB Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	.2 A, 1.5 A

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
Panel Mount Feature	With
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

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

Usage Conditions

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

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

5520250-2

RJ14 Connectors, Single Port, 1 x 1, Low Profile, RJ Type Jacks & Plugs, Standard
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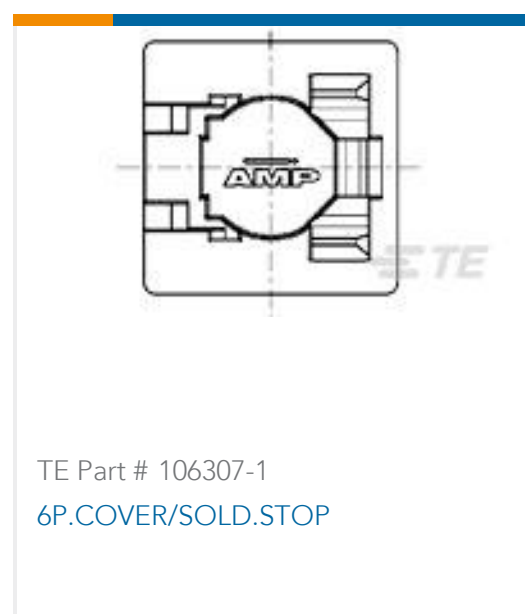| Packaging Quantity	152

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: JUL 2021 (219) 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 # 106307-1
6P.COVER/SOLD.STOP

Documents

Product Drawings

MJ,R/A,6P/4C,PNL STOPS,TRAY

English

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RJ14 Connectors, Single Port, 1 x 1, Low Profile, RJ Type Jacks & Plugs, Standard Connector Contact Density, Jack, Standard - Latch Down, Right Angle

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5520250-2_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5520250-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5520250-2_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

1-1773464-9_MODULAR_JACKS_SINGLE_PORT_PCB_MOUNT

English

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English