



Connectors > Modular Jacks & Plugs > RJ22 Connectors



Connector Profile: **Standard**

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

Connector Contact Density: **Standard**

Modular Connector Style: **Jack**

PCB Mount Orientation: **Vertical**

Features

Product Type Features

Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board
Modular Jacks & Plugs Products	RJ Type Jacks & Plugs
Modular Connector Style	Jack

Configuration Features

Port Matrix Configuration	1 x 1
Port Configuration	Single Port
Number of Positions	4
Connector Contact Density	Standard
PCB Mount Orientation	Vertical
Number of Loaded Positions	4

Body Features

Modular Jack Latch Orientation	Standard - Latch Down
Connector Profile	Standard



Contact Features

Contact Underplating Material	Nickel
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Gold or Gold Flash over Palladium Nickel
Contact Current Rating (Max)	1.5 A
PCB Contact Termination Area Plating Material	Tin

Termination Features

Termination Method to PCB	Surface Mount
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Mechanical Attachment

Connector Mounting Type	Board Mount
Panel Mount Feature	Without

Housing Features

Housing Color	Black
Centerline (Pitch)	1.02 mm[.04 in]
Mating Entry Location	Top
Housing Material	PA 9T GF

Dimensions

PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Height	12.7 mm[.5 in]

Usage Conditions

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

Circuit Application	Signal
Shielded	No

Industry Standards

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

Packaging Features

Packaging Method	Reel, Tape Mounted on Reel
Packaging Quantity	300

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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°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

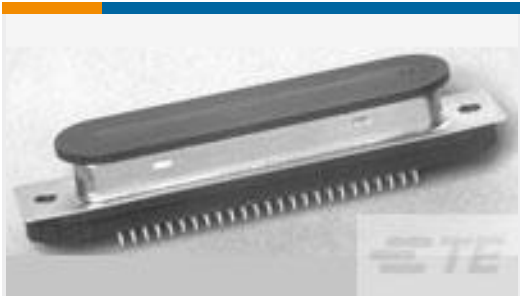


TE Part # 1-338084-6
4/4 INV.MOD.JACK



TE Part # 1982198-1
INV.MOD.JACK,4/4POS,HANDSET SM

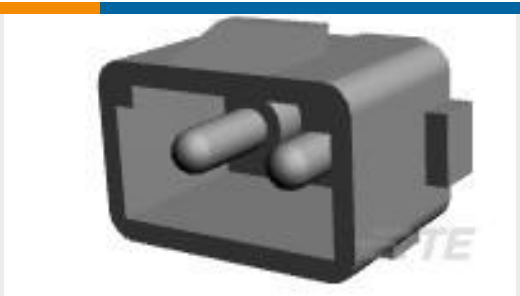
Customers Also Bought



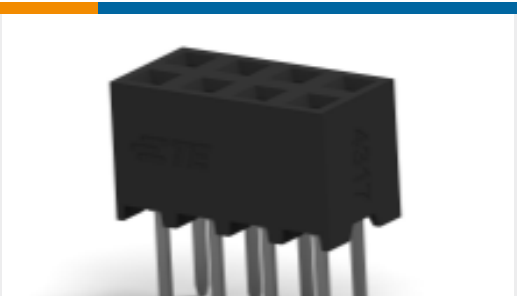
TE Part #553443-4
ASSY RCPT, ACTION PIN, CHAMP-LOK



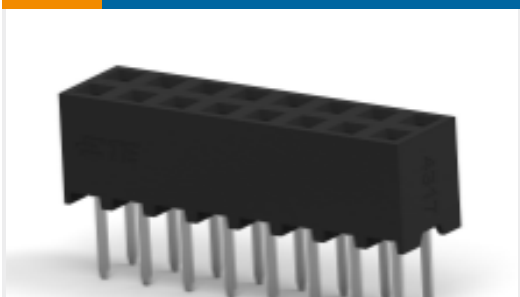
TE Part #4-1879022-9
SMF3 33K 5%



TE Part #350539-1
02P CMNL HDR ASSY SHORT NATL



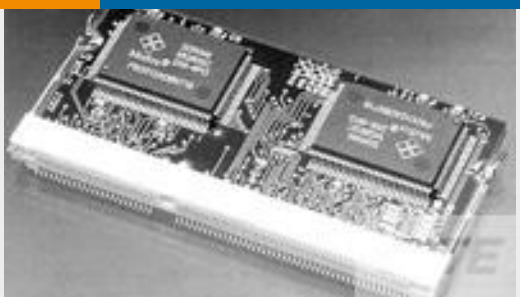
TE Part #2314814-8
8P, 2MM, B-B, REC, DRV, 2.0, 0.76 AU, TB, W/CAP



TE Part #1-2314812-6
16P, 2MM, B-B, REC, DRV, 2.0, 0.1 AU, TB, W/CAP



TE Part #1-2314868-0
10P, 2MM, BB, REC, SRV, 2.0, 0.1 AU, TB, W/CP



TE Part #6-390113-1
SKT, SODIMM, 144P, SDRAM 3.3V, STD, T&R



TE Part #1-338086-3
6/6 INV. MOD JACK



TE Part #2842138-5
10P, 2MM, BRK HDR, DRV, 2.8, 0.1 AU, BOX



TE Part #ANT-GNCP-C106L160
Antenna GNSS L1 10x10 LNA 1.13 UFL

Documents

Product Drawings

4P.INV.MOD.JACK.PCB

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-338084-3_AB.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-338084-3_AB.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-338084-3_AB.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

AMP surface mount modular jack

English

Application Specification

English

Agency Approvals

UL Report

English