1761825-1 ✔ ACTIVE

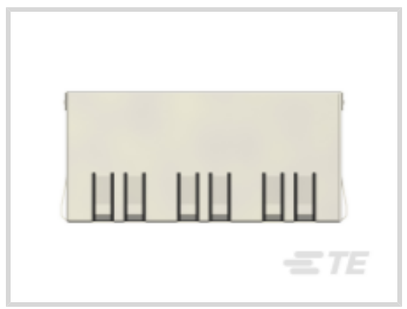
TE Internal #: 1761825-1

RJ45 Connector, Multiple Ports, 1 x 3, Jack, Shielded, Cat 3, Standard - Latch Down, 8 Position, Standard Profile, Surface Mount, Right Angle

View on TE.com >

Connectors > Modular Jacks & Plugs > RJ45 Connectors







Modular Jack & Plug Interface Type: **RJ45**

Port Configuration: **Multiple Ports**

Port Matrix Configuration: **1 x 3**

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

Connector Contact Density: **Standard**

Features

Product Type Features

Modular Jack & Plug Interface Type	RJ45
Modular Jacks & Plugs Products	RJ Type Jacks & Plugs
Modular Connector Style	Jack
Grounding Options	PCB Ground
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Multiple Port Configuration	Ganged
Port Configuration	Multiple Ports
Port Matrix Configuration	1 x 3
Connector Contact Density	Standard
Number of Positions	8
Number of Loaded Positions	8
PCB Mount Orientation	Right Angle

Body Features

Modular Jack Latch Orientation	Standard - Latch Down
Connector Profile	Standard

Contact Features

Contact Current Rating (Max)	.2 A, 1.5 A
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material Thickness	1.27 µm[50 µin]

Termination Features

Termination Method to PCB	Surface Mount
Termination Post & Tail Length	3.56 mm[.14 in]

Mechanical Attachment

Connector Mounting Type	Panel Mount

Housing Features

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

Dimensions

Connector Height	13.63 mm[.537 in]

Usage Conditions

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

Operation/Application

Indicator Type	No Indicator
Shielded	Yes
Circuit Application	Signal

Industry Standards

Performance Category	Cat 3

Packaging Features

Packaging Method	Box & Tray, Package

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

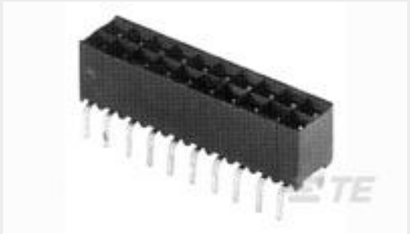


TE Part # 5557561-1
MOD JK ASSY,3PORT,8POSN,RTANG

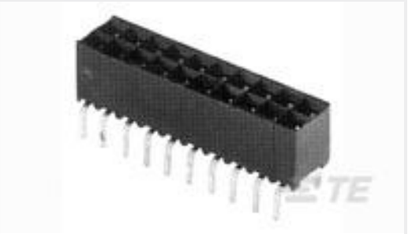
Customers Also Bought



TE Part #1-215083-6
MICRO-MATCH MOW.16P



TE Part #829264-5
2X 5P HV100 REC CON.B/TE, 6.2,NO KINK



TE Part #1-829264-0
2X10P HV100 REC.CON.B/TE,6.2MM, NO KINK



TE Part #1060455-1
5162 5013 09,SMB PCB JACK RECP



TE Part #1379659-5
8W PLUG HOUSING ASSY NATU



TE Part #6-1609966-5
KES 6A 1S SPADE WYE 520VAC



TE Part #1-1719101-1
PCB 9.5 TERMINAL SN



TE Part #5161390-4
04P.DIP SWITCH ASSY



TE Part #5747840-4
HD-20 PLUG RA .318 FMS BD-LK 4



TE Part #5747844-6
09 MSFL RCPT RA 318 (SL,FM,BL)

Documents

Product Drawings

MJ,R/A,1X3,8P,SHLD,PCB PNL GNDS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1761825-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1761825-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1761825-1_B.3d_stp.zip

English

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

Product Specifications

Application Specification

English