1-1775365-4 ✔ ACTIVE

TE Internal #: 1-1775365-4

RJ45 Connector, Single Port, 1 x 1, Standard Connector Contact Density, Jack, Shielded, Cat 3, Standard - Latch Down, 8 Position, Standard Profile

View on TE.com >

Connectors > Modular Jacks & Plugs > RJ45 Connectors



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

Port Configuration: **Single Port**

Port Matrix Configuration: **1 x 1**

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
Connector Product Type	Connector Assembly

Configuration Features

Port Configuration	Single Port
Port Matrix Configuration	1 x 1
Connector Contact Density	Standard
Number of Positions	8
Number of Loaded Positions	8
PCB Mount Orientation	Right Angle
Number of PCB Ground Tabs	2

Operation/Application

Shielded	Yes
Circuit Application	Signal
Indicator Type	No Indicator

Industry Standards

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

Body Features

Modular Jack Latch Orientation	Standard - Latch Down
Connector Profile	Standard
Shield Plating Material	Nickel
Shield Material	Brass

Termination Features

Termination Method to PCB	Surface Mount
Termination Post & Tail Length	1 mm[.039 in]

Housing Features

Mating Entry Location	Side
Centerline (Pitch)	1.02 mm[.04 in]
Housing Color	Black
Housing Material	PA 9T GF30

Contact Features

Contact Current Rating (Max)	1 A
Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material Thickness	1.27 µm[50 µin]
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Gold Flash

Mechanical Attachment

Connector Mounting Type	Board Mount
Panel Mount Feature	Without
PCB Mount Retention Type	Guide Post

Dimensions

Connector Height	11.8 mm[.465 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]

Packaging Features

Packaging Method	Reel
Packaging Quantity	110

Usage Conditions

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

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

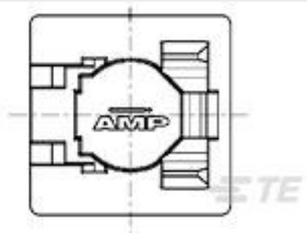
For compliance documentation, visit the product page on TE.com>

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	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 188729-1
8P.COVER/SOLD.STOP

Customers Also Bought



TE Part #2-1462039-9
IM23GR=IM RELAY 50mW 5V



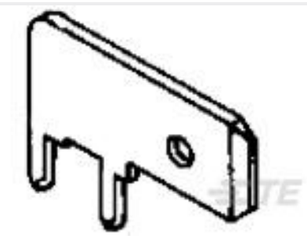
TE Part #5556591-1
MJ,LPF,R/A,8P/8C,SHLD,KEYEDP



TE Part #5787745-4
USB A R/A STAK ASSY THRU HOLE



TE Part #216550-1
8/8 PCB MOD.JACK TE



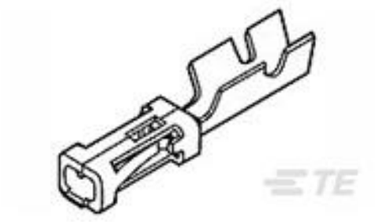
TE Part #928814-1
250 FASTON TAB TPBR



TE Part #2822541-1
PUSH-PUSH MICRO SIM CONNECTOR



TE Part #8-1879215-7
CPF 0402 36K5 0.1% 25PPM 1K RL



TE Part #87667-2
MOD IV RECP LP



TE Part #NB25822001
SCL-1/8-0-STK

TE Part #AAG3960-00
R85049/128-6

Documents

Product Drawings

MOD JACK, RJ45, SHIELD,50u"Au, L=2.05mm

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1775365-4_F_c-1-1775365-4-f.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1775365-4_F_c-1-1775365-4-f.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1775365-4_F_c-1-1775365-4-f.3d_stp.zip

English

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

Product Specifications

Product Specification

English