1-338088-3 ✔ ACTIVE

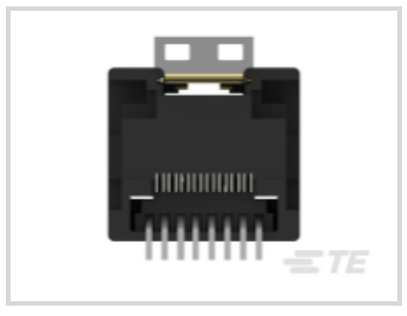
TE Internal #: 1-338088-3

RJ45 Connectors, RJ45, Single Port, Port Matrix Configuration 1 x 1, RJ Type Jacks & Plugs, Standard Connector Contact Density, Jack, Cat 3

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

Connectors & Connector Components Type	Connector
Connector Product Type	Connector Assembly
Modular Jack & Plug Interface Type	RJ45
Modular Jacks & Plugs Products	RJ Type Jacks & Plugs
Modular Connector Style	Jack
Grounding Options	None
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Port Configuration	Single Port
Port Matrix Configuration	1 x 1
Connector Contact Density	Standard
Status Indicator Type	None
Number of Positions	8
Number of Loaded Positions	8
PCB Mount Orientation	Vertical

Body Features

Modular Jack Latch Orientation	Standard - Latch Down
Connector Profile	Standard

Contact Features

PCB Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	1.5 A
Contact Mating Area Plating Material	Nickel
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material Thickness	1.27 µm[50 µin]

Termination Features

Termination Method to Printed Circuit Board	Surface Mount
Termination Post & Tail Length	1.5 mm[.059 in]

Mechanical Attachment

Panel Mount Feature	Without
Connector Mounting Type	Board Mount

Housing Features

Mating Entry Location	Top
Centerline (Pitch)	1.02 mm[.04 in]
Housing Color	Black
Housing Material	PA 4T GF30

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Height	12.7 mm[.5 in]

Usage Conditions

Operating Temperature Range	-45 – 70 °C[-40 – 158 °F]

Operation/Application

Shielded	No
Circuit Application	Signal

Industry Standards

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

Packaging Features

Packaging Reel Diameter	36 cm
Packaging Quantity	250
Packaging Method	Reel

Other

Comment	Embossed tape according to EIA 481-3., Surface can be used for application by Type II SMD Machine., This Invertible Modular Jack can also be applied hanging through a hole in the PC Board. (See PCB Layout)

Product Compliance

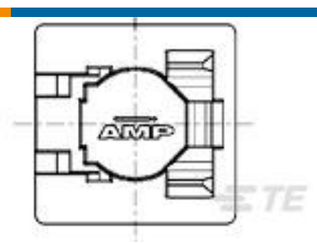
For compliance documentation, visit the product page on TE.com>

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: JAN 2021 (211) 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 # 188729-1
8P.COVER/SOLD.STOP

Customers Also Bought



TE Part #1-338084-3
RJ22 Connectors



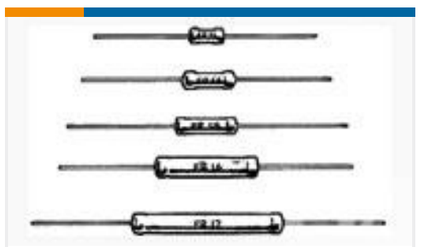
TE Part #1-338086-3
RJ25 Connectors



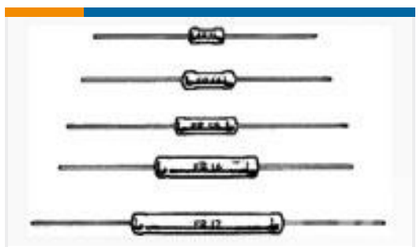
TE Part #1-1825010-8
ASE42L04=4PDT AUTOSLIDE



TE Part #1-338088-6
8/8 INV.MOD.JACK



TE Part #1623749-3
ER17 15R 5% LOOSE



TE Part #1-1623748-5
ER16 680R 5% LOOSE



TE Part #1622422-1
LR1 1% 2M2



TE Part #1622483-1
LR1 1% 464R



TE Part #1393162-5
PT78603

TE Part #CG3640-000
CI-2SFT500

Documents

Product Drawings

8/8 INV.MOD.JACK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-338088-3_Z.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-338088-3_Z.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-338088-3_Z.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

Product Specifications

AMP surface mount modular jack

English

Application Specification

English

Agency Approvals

UL Report

English