5558068-1 ✔ ACTIVE

TE Internal #: 5558068-1

RJ45 Connector, Single Port, 1 x 1, Jack, Shielded, Cat 3, Standard - Latch Down, 10 Position, Low Profile, Through Hole - Solder, Right Angle

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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

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	PCB Ground
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of PCB Ground Tabs	2
Port Configuration	Single Port
Port Matrix Configuration	1 x 1
Connector Contact Density	Standard
Number of Positions	10
Number of Loaded Positions	10
PCB Mount Orientation	Right Angle

Body Features

Shield Plating Material	Tin
Shield Material	Copper Alloy
PCB Ground Tab Location	-3.05 mm[-.12 in]
Modular Jack Latch Orientation	Standard - Latch Down
Connector Profile	Low

Contact Features

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	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	Through Hole - Solder
Termination Post & Tail Length	3.56 mm[.14 in]

Mechanical Attachment

Panel Mount Feature	With
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Height	13.64 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

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

Packaging Features

Packaging Quantity	90
Packaging Method	Box & Tray, Tray

Product Compliance

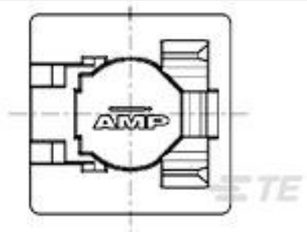
For compliance documentation, visit the product page on TE.com>

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 2025 (250) 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	Wave solder capable to 265°C

Product Compliance Disclaimer

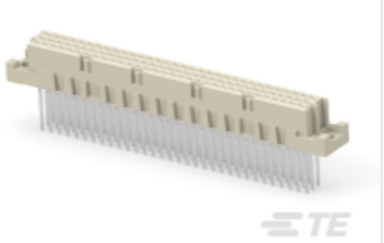
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

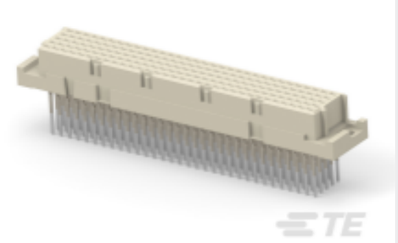


TE Part # 188729-1
8P.COVER/SOLD.STOP

Customers Also Bought



TE Part #224412-E
STVC 96 F ABC VVV 7-00 EEUE 13,0 * 241 E



TE Part #254975-E
STVE 160 F ABCDE VVVVV 7-00 EEUE 13,0 *



TE Part #826470-3
2X3P MOD II SHROUDED HEADER, RT ANG.



TE Part #826470-4
2X4P MOD II SHROUDED HEADER, RT ANG.



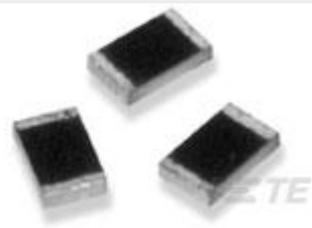
TE Part #1676459-2
RN 0805 8K87 0.1% 10PPM 1KRL



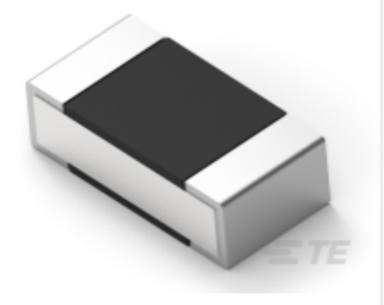
TE Part #9-1676481-2
CPF 0603 56K 0.1% 25PPM 1K RL



TE Part #1-1879225-5
CPF 0603 54K9 0.1% 25PPM 1K RL



TE Part #8-1879275-5
RP 2A 4K99 0.1% 15PPM CUT LENGTH



TE Part #1-2176307-8
RP 1E 0.1W 18K7 0.1% 25PPM 5K RL



TE Part #5148059-5
ASSY,RECEPTACLE,EUROCARD,TYPE C,LEAD-FRE

Documents

Product Drawings

MJ ASSY,10POS,R/A,KEYED

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5558068-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5558068-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5558068-1_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