

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 &amp; 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 &amp; Tray, Tray

## Product Compliance

For compliance documentation, visit the product page on TE.com&gt;

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 2025  
(247)Candidate List Declared Against: JUNE  
2024 (241)

Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl > 900  
ppm.

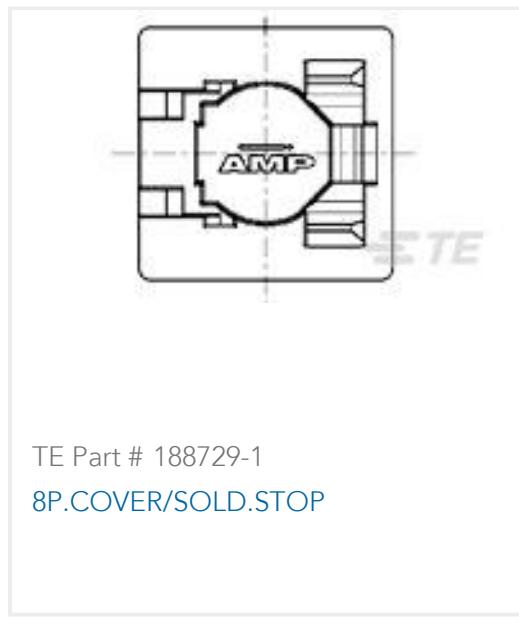
Solder Process Capability

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

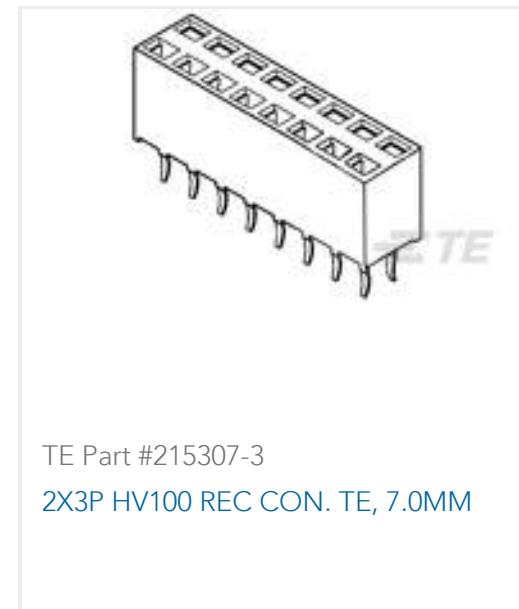
## Customers Also Bought



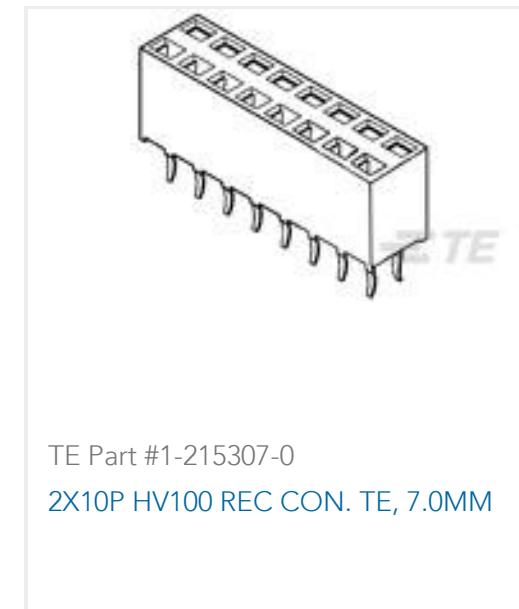
TE Part #CONSM001-SMD-G  
SMA Jack 50 Ohm PCB Surface Mount



TE Part #284698-E  
SRCP 1,27 6 M 1 SMD 137 E1 094 \* GU-H \*



TE Part #215307-3  
2X3P HV100 REC CON. TE, 7.0MM



TE Part #1-215307-0  
2X10P HV100 REC CON. TE, 7.0MM



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



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



TE Part #8-1415536-7  
0410 83 050 001WG



TE Part #CAT-OE4-OJ1  
STD OEG Miniature PCB OJ/OJE Pow Relays



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

## 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\\_jgs.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