

Alcoswitch SE

TE Internal #: 215876-2

Single Port, 1 x 1, Low Profile, RJ Type Jacks & Plugs, Standard Connector Contact Density, Jack, Alcoswitch SE, RJ14 Connectors

[View on TE.com >](#)



Connectors > Modular Jacks & Plugs > RJ14 Connectors



Port Configuration: **Single Port**

Port Matrix Configuration: **1 x 1**

Connector Profile: **Low**

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

Connector Contact Density: **Standard**

Features

Configuration Features

Port Configuration	Single Port
Port Matrix Configuration	1 x 1
Connector Contact Density	Standard
PCB Mount Orientation	Right Angle
Number of Loaded Positions	4
Number of Positions	6

Body Features

Connector Profile	Low
Modular Jack Latch Orientation	Standard - Latch Down

Product Type Features

Modular Jacks & Plugs Products	RJ Type Jacks & Plugs
Modular Connector Style	Jack
Connector & Contact Terminates To	Printed Circuit Board
Connector System	Cable-to-Board



Operation/Application

Shielded	No
Circuit Application	Signal

Industry Standards

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

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.2 mm[.126 in]

Housing Features

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

Contact Features

Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Gold or Gold Flash over Palladium Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	1.5 A
Contact Underplating Material	Nickel

Dimensions

PCB Thickness (Recommended)	1.6 mm[.062 in]
Connector Height	11.5 mm[.453 in]

Packaging Features

Packaging Method	Tape & Reel
Packaging Quantity	800

Mechanical Attachment

Panel Mount Feature	With
Connector Mounting Type	Board Mount

Usage Conditions

Operating Temperature Range	-40 – 70 °C[-40 – 158 °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
--	---

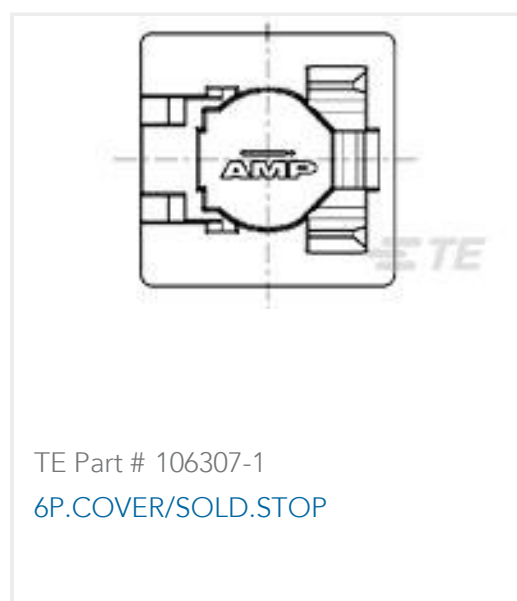
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
-----------------	--

Solder Process Capability	Wave solder capable to 265°C
---------------------------	------------------------------

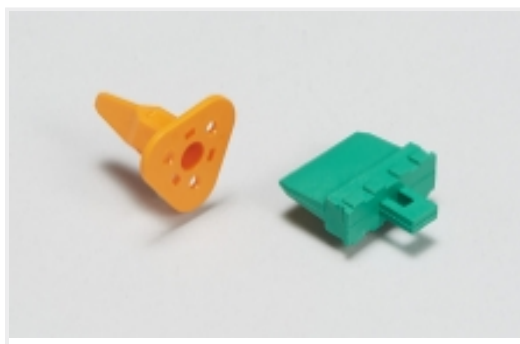
Product Compliance Disclaimer

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>

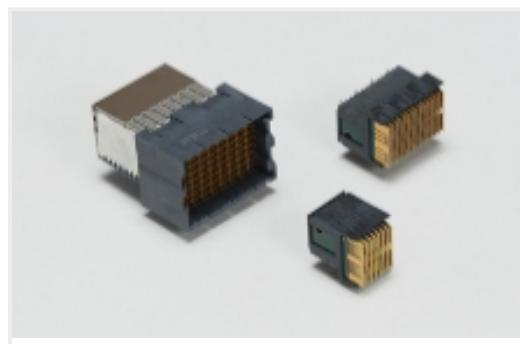
Compatible Parts



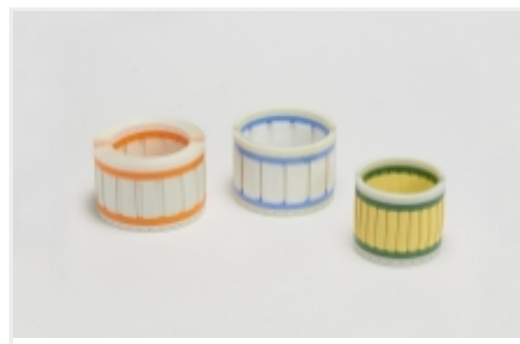
Also in the Series | [Alcoswitch SE](#)



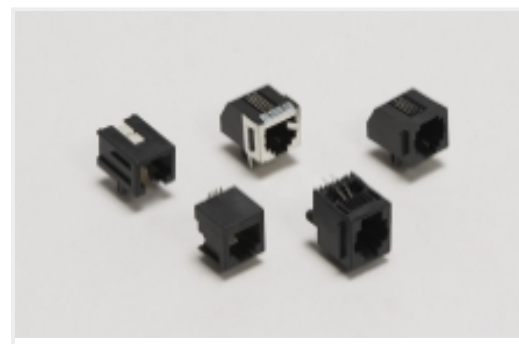
Automotive Connector Locks & Position Assurance(1)



High Speed Backplane Connectors(1)



Printable Tubing(3)



RJ14 Connectors(3)



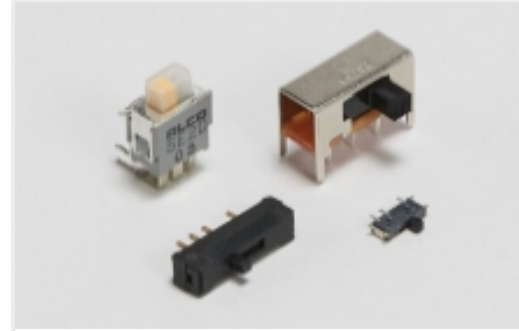
RJ22 Connectors(3)



RJ25 Connectors(5)



RJ45 Connectors(8)



Slide Switches(5)

Customers Also Bought



TE Part #MS580302BA01-00
MS5803-02BA01 DIGIT PRESSURE SENSOR TUBE



TE Part #2199119-4
M.2 0.5PITCH 3.2H KEY E 15U" AU



TE Part #5103308-2
A/L LOW PRO HDR 14P VERT BLACK



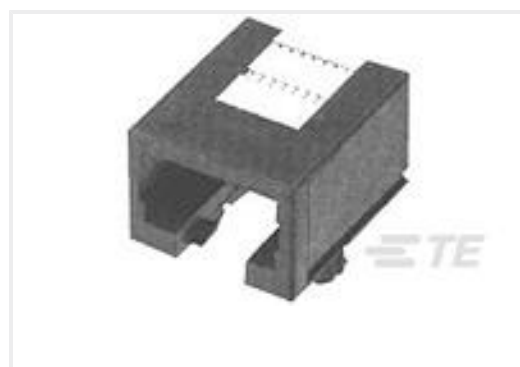
TE Part #1734753-1
MINI USB, TYPE B, VERTICAL, T/H



TE Part #1-1734742-2
.5 FPC VT ZIF Type-A 12 CONT



TE Part #1-1393239-3
RT114024



TE Part #215876-1
6/6 PCB MOD.JACK SE



TE Part #1-1419130-2
TSC-105L3H,000



TE Part #215875-1
4/4 PCB MOD.JACK SE



TE Part #215877-1
8/8 PCB MOD.JACK SE

Documents



Product Drawings

6/4 PCB MOD.JACK SE

English

CAD Files

Customer View Model

[ENG_CVM_CVM_215876-2_L.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_215876-2_L.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_215876-2_L.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

side entry, bottom entry, top entry and toolless modular jack

English

Product Specification

English