1376477-5 ✔ ACTIVE

AMP Signal Double Lock

TE Internal #: 1376477-5

5 Position, Plug, Housing, Crimp, Wire-to-Board, 2.5 mm [.098 in] Centerline, 1 Row, 50 VAC, Wire & Cable, Power & Signal, AMP Signal Double Lock

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors







Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

Mating Retention Type: **Latch**

Connector System: **Wire-to-Board**

Number of Positions: **5**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	5
Number of Rows	1

Electrical Characteristics

Operating Voltage	50 VDC

Body Features

Primary Product Color	Natural

Contact Features

Contact Layout	Inline
Contact Base Material	Phosphor Bronze
Contact Type	Pin
Contact Current Rating (Max)	2.5 A

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	Without
Mating Retention Type	Latch
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	2.5 mm[.098 in]
Housing Material	Nylon 66 GF

Dimensions

Connector Height	6.5 mm[.256 in]
Connector Length	15 mm[.59 in]
Wire Size	.12 – .38 mm^2

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Quantity	300
Packaging Method	Bag & Box

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 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

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

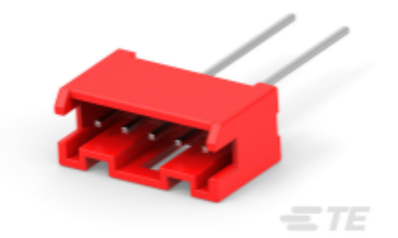
Compatible Parts



TE Part # 2-1376477-4
2.5MM PITCH SIGNAL MATE CONN



TE Part # 1717567-5
DBL LOCK PLATE FOR SMC PLUG 5P



TE Part # 6-1376492-5
2.5MM SIGNAL MATE CONN ON TAPE



TE Part # 1743492-1
BLOWER MOTOR 3P PLUG HSG



TE Part # 2371020-5
DBL LOCK PLATE FOR SMC PLUG 5P

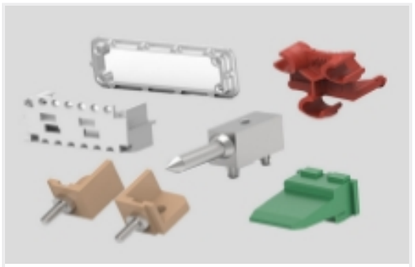
Also in the Series | AMP Signal Double Lock



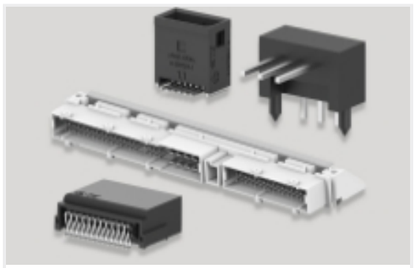
Connector Caps & Covers(1)



Connector Contacts(14)



Connector Hardware(19)



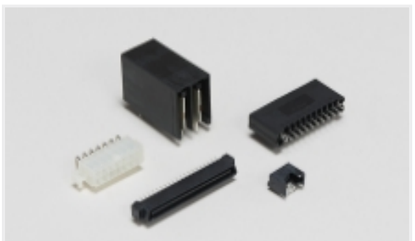
PCB Headers & Receptacles(152)



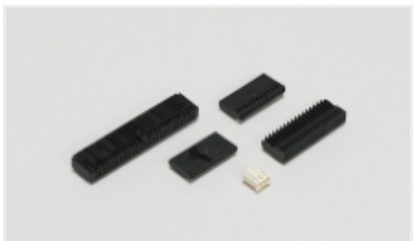
Rectangular Connector Housings(94)



Rectangular Power Connectors(69)



Standard Rectangular Connectors(95)



Wire-to-Board Connector Assemblies & Housings(32)

Customers Also Bought



TE Part #336075-3
250 FASTON,REC.,20-16 AWG,PTBR



TE Part #964203-5
STD PW TIMER CONTACT



TE Part #8-1241965-2
STD TIMER PLUG HSG 2P W/EXT. LOCKING



TE Part #1862006-5
STD PW TIMER CONTACT



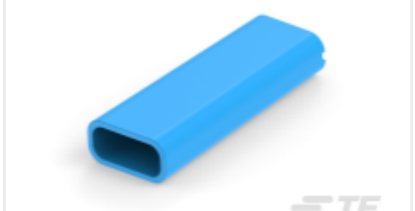
TE Part #1-2232892-3
3P MONOPLUG 2.5



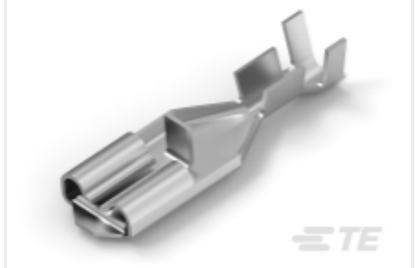
TE Part #2371020-5
DBL LOCK PLATE FOR SMC PLUG 5P



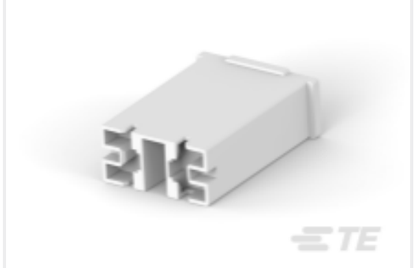
TE Part #2376193-7
7P MONOPLUG POWER ISOLATION VERSION



TE Part #2391865-1
POSITIVE LOCK 250 (6.3 MM) SLEEVE



TE Part #170328-3
250 PL MKII REC. 18-14AWG PTBR



TE Part #2331087-1
250 HSG. PL MKII REC. 9mm 2P NAT

Documents

Product Drawings

2.5MM PITCH SIGNAL MATE CONN

English

CAD Files

Customer View Model

ENG_CVM_CVM_1376477-5_E.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1376477-5_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1376477-5_E.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