# 1376477-6 ACTIVE

### AMP Signal Double Lock

TE Internal #: 1376477-6

Housing, Plug, Wire-to-Board, 6 Position, 2.5 mm [.098 in] Centerline, Crimp, 1 Row, Natural, Printed Circuit Board, AMP

Signal Double Lock

View on TE.com >



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings











Connector Product Type: Housing
Connector & Housing Type: Plug
Connector System: Wire-to-Board

Number of Positions: 6

Centerline (Pitch): 2.5 mm [ .098 in ]

### **Features**

### **Product Type Features**

Housing
Plug
Wire-to-Board
No
Printed Circuit Board
6
1
50 VDC
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
PCB Mount Retention	Without
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Housing Material	Nylon 66 GF
Centerline (Pitch)	2.5 mm[.098 in]
Dimensions	
Connector Height	6.5 mm[.256 in]
Wire Size	26 – 22 AWG
Connector Length	17.5 mm[.688 in]
Usage Conditions	
Operating Temperature Range	-40 - 105 °C[-40 - 221 °F]
Operation/Application	
Circuit Application	Power & Signal
Packaging Features	
Packaging Method	Bag & Box
Packaging Quantity	300

### **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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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











Also in the Series | AMP Signal Double Lock





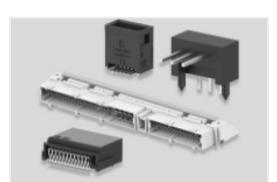
Connector Caps & Covers(1)



Connector Contacts(14)



Connector Hardware(19)



PCB Headers & Receptacles(146)



Rectangular Connector Housings(80)



Rectangular Power Connectors(51)



Standard Rectangular Connectors(81)



Wire-to-Board Connector Assemblies & Housings(20)

# Customers Also Bought



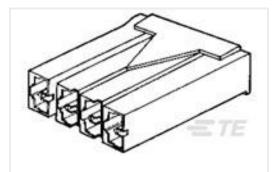
TE Part #179838-2 AMP POWER D/LOCK T/HDR ASSY 2P



TE Part #1565082-1
GRACE INERTIA CONNECTOR 3.5 3P



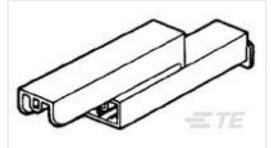
TE Part #170326-5 187 PL MKII REC. 18-14AWG PTPB



TE Part #174513-1
PL 187 HOUSING RECEPTACLE



TE Part #2-2371404-7 SGI 1.25 Plug HSG, 7P, Key B, Black



TE Part #1-174712-6
PL MK2 2P 187 HOUSING
RECEPTACLE BLUE



TE Part #63824-1 250 FASTON TAB TPBR



TE Part #172168-1 6 CIR UNIV M-N-L PLUG



TE Part #42563-8 250 FASTON FLAG REC 12-10 AWG TPBZ



TE Part #353907-1
CT 1.5MM REC CONT CRIMP TYPE

### **Documents**



### **Product Drawings**

### 2.5MM PITCH SIGNAL MATE CONN

English

### **CAD Files**

**Customer View Model** 

ENG\_CVM\_CVM\_1376477-6\_E.2d\_dxf.zip

English

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_1376477-6\_E.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1376477-6\_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