

1376476-1 ✓ ACTIVE



AMP Signal Double Lock

TE Internal #: 1376476-1

Socket Contact, Tin, 50 VAC, 50 VDC, Discrete Wire, 24 – 22 AWG, .

12 – .38 mm² Wire, Crimp, Phosphor Bronze, Signal, AMP Signal

Double Lock

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts > Signal Double Lock Receptacle



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin**

Operating Voltage: **50 VDC**

Compatible With Wire & Cable Type: **Discrete Wire**

[All Signal Double Lock Receptacle \(4\)](#)

Features

Packaging Features

| | |
|--------------------|------|
| Packaging Method | Reel |
| Packaging Quantity | 8000 |

Dimensions

| | |
|--------------------------------------|-------------------------------|
| Compatible Insulation Diameter Range | 1.2 – 1.9 mm [.047 – .074 in] |
| Wire Size | .12 – .38 mm ² |

Contact Features

| | |
|------------------------------------------------|---------------------------------|
| Contact Mating Area Plating Material Thickness | .8 – 1.4 μm [31.49 – 55.12 μin] |
| Mating Square Post Dimension | .5 mm [.019 in] |
| Contact Type | Socket |
| Contact Mating Area Plating Material | Tin |
| Contact Base Material | Phosphor Bronze |
| Contact Current Rating (Max) | 2.5 A |

Electrical Characteristics

| | |
|-------------------|--------|
| Operating Voltage | 50 VDC |
|-------------------|--------|

Configuration Features

| | |
|-----------------------------------|---------------|
| Compatible With Wire & Cable Type | Discrete Wire |
|-----------------------------------|---------------|

Termination Features

| | |
|------------------------------------|--------------|
| Termination Method to Wire & Cable | Crimp |
| Product Terminates To | Wire & Cable |

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -30 – 105 °C[-22 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

| | |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

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 | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| 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



KIT

REPRESENTATION ONLY

TE Part # 7-2151078-7
OCEAN_2.0_SPARE_PART_KIT-046F070F



TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 2151078-1
OCEAN_2.0_APPLICATOR-S-046F070F-RSM



TE Part # 1366657-1
SAHT 2.5MM PITCH SIGNAL MATE 26-22 ASSY

TE Part # 2229813-2
PLUG HOUSING, KEYING-B, MOTOR I/O CONN




TE Part # 2151078-2
OCEAN_2.0_APPLICATOR-S-046F070F-RSA




TE Part # 2321467-1
I/O THROUGH CONNECTOR ASS'Y 4P

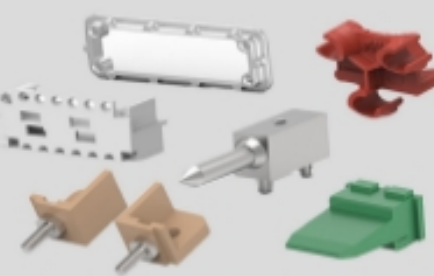
Also in the Series | AMP Signal Double Lock




Connector Caps & Covers(1)



Connector Contacts(14)




Connector Hardware(19)




Rectangular Connector Housings(23)



Rectangular Power Connectors(1)



Standard Rectangular Connectors(24)

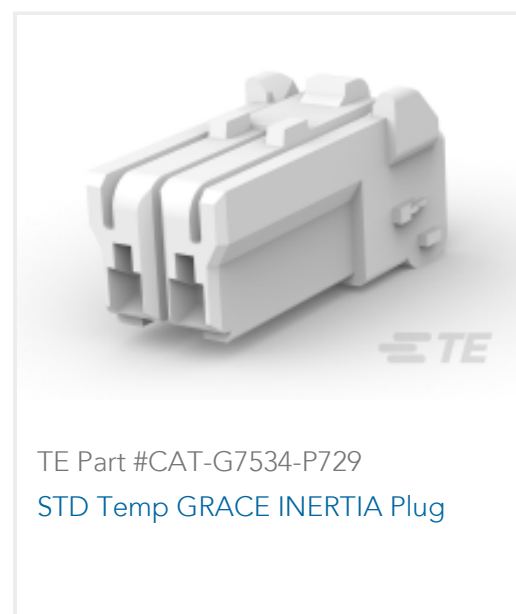
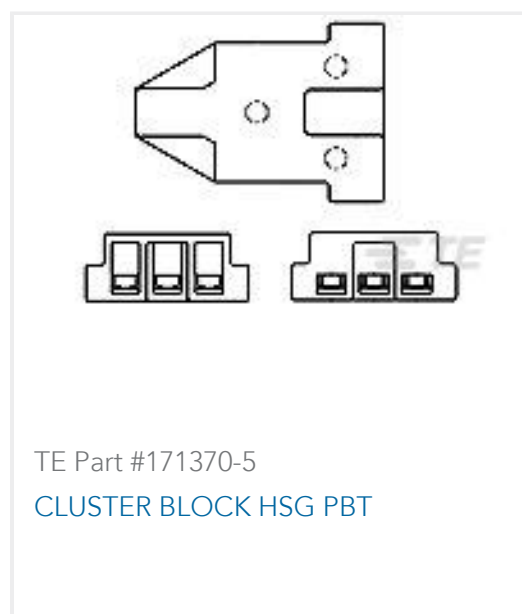


Wire-to-Board Connector Assemblies & Housings(76)



Wire-to-Board Headers & Receptacles (146)

Customers Also Bought



Documents

Product Drawings

2.5 SIGNAL MATE REC CONTACT

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1376476-1_G.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1376476-1_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1376476-1_G.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

1376476-1

Socket Contact, Tin, 50 VAC, 50 VDC, Discrete Wire, 24 – 22 AWG, .12 – .38 mm²
Wire, Crimp, Phosphor Bronze, Signal, AMP Signal Double Lock



Application Specification

English