



**AMP Signal Double Lock**

TE Internal #: 1376476-1

Socket Contact, Tin (Sn), 50 VAC, 50 VDC, Discrete Wire, 24 – 22 AWG, .12 – .38 mm<sup>2</sup> 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 (Sn)**

Operating Voltage: **50 VDC**

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

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

**Features**

**Configuration Features**

Compatible With Wire & Cable Type	Discrete Wire
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**Electrical Characteristics**

Operating Voltage	50 VDC
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**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 (Sn)
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	2.5 A

**Termination Features**

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



### Dimensions

Compatible Insulation Diameter Range	1.2 – 1.9 mm [.047 – .074 in]
Wire Size	.12 – .38 mm <sup>2</sup>

### Usage Conditions

Operating Temperature Range	-30 – 105 °C [-22 – 221 °F]
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### Operation/Application

Circuit Application	Signal
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### Packaging Features

Packaging Method	Reel
Packaging Quantity	8000

### Product Compliance

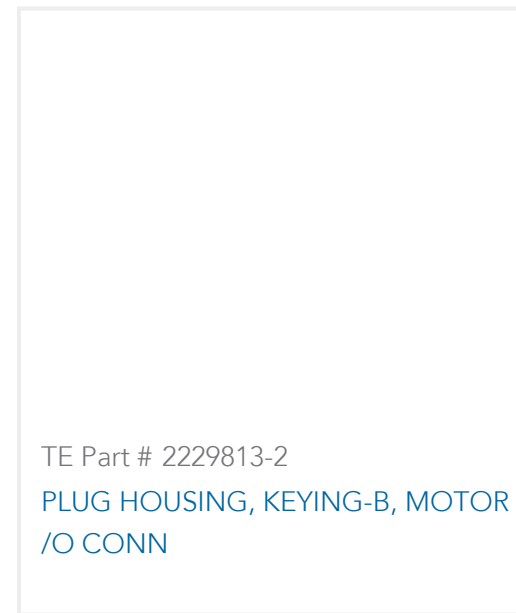
[For compliance documentation, visit the product page on TE.com>](#)

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: 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

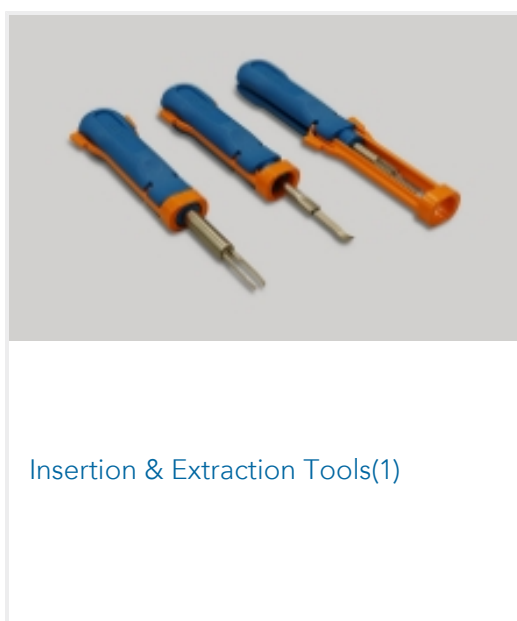
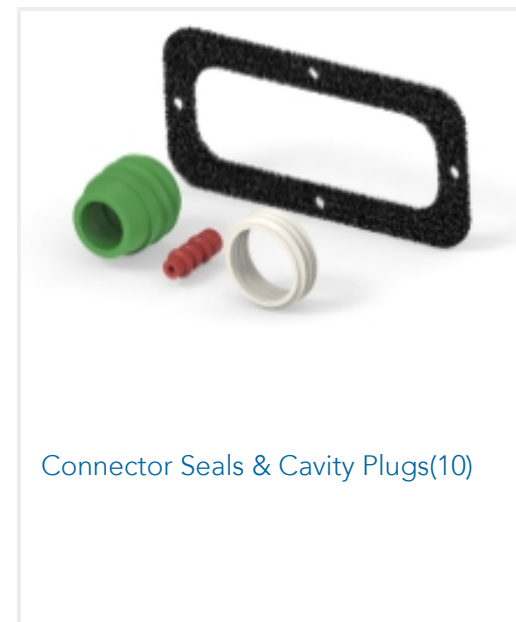
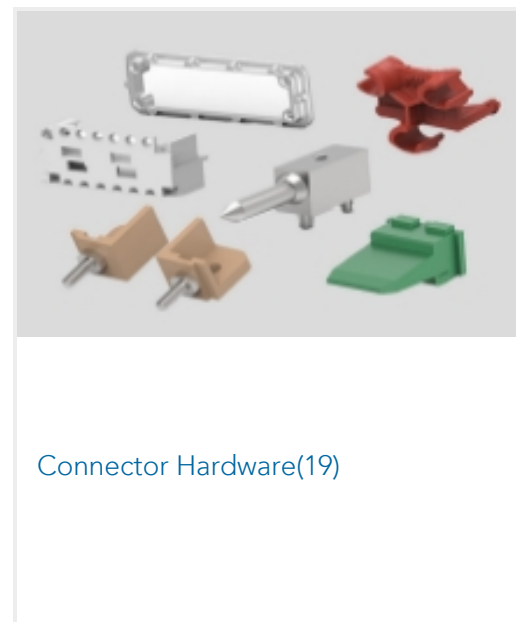
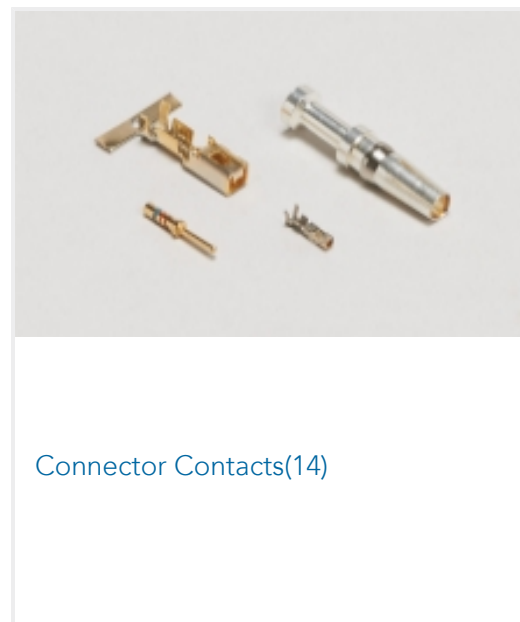
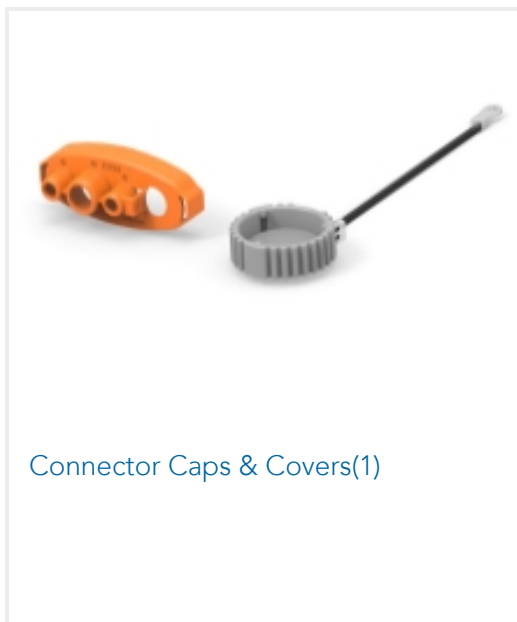
#### Product Compliance Disclaimer

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



Also in the Series | **AMP Signal Double Lock**



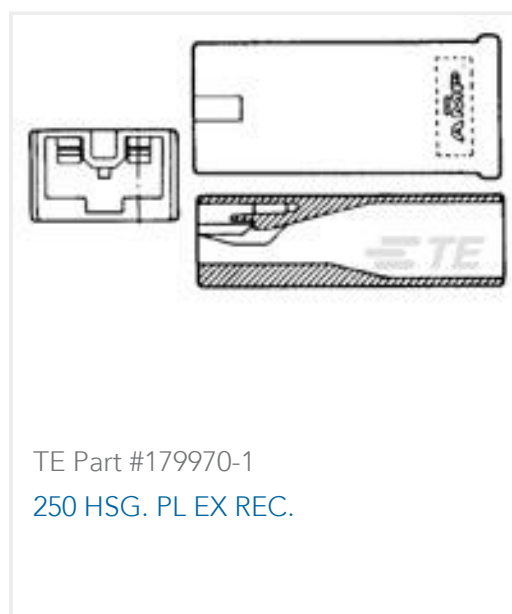
Customers Also Bought



TE Part #175057-1  
250 PL EX FLAG REC. 18-12AWG PTBR



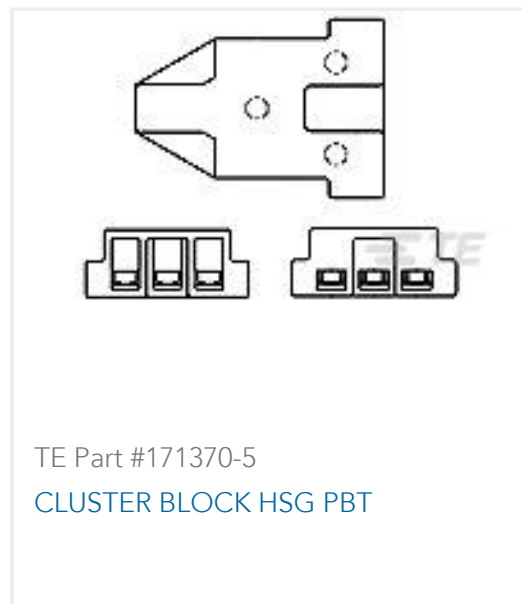
TE Part #1-176497-1  
250 HSG. PL EX FLAG REC. NAT



TE Part #179970-1  
250 HSG. PL EX REC.



TE Part #179974-1  
250 PL EX REC. 18-14AWG PTBR



TE Part #171370-5  
CLUSTER BLOCK HSG PBT



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



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



TE Part #1376477-5  
2.5MM PITCH SIGNAL MATE CONN



TE Part #41802  
250 FASTON FLAG REC 18-12 AWG  
TPBR



TE Part #440456-1  
RING TERMINAL, TPBR

## 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 (Sn), 50 VAC, 50 VDC, Discrete Wire, 24 – 22 AWG, .12 – .38 mm<sup>2</sup>  
Wire, Crimp, Phosphor Bronze, Signal, AMP Signal Double Lock



## Application Specification

English