

917764-1 ✓ ACTIVE

## AMP Signal Double Lock

TE Internal #: 917764-1

Connector Contact, Tab, Wire-to-Wire, 22 – 20 AWG Wire Size, .3 – .

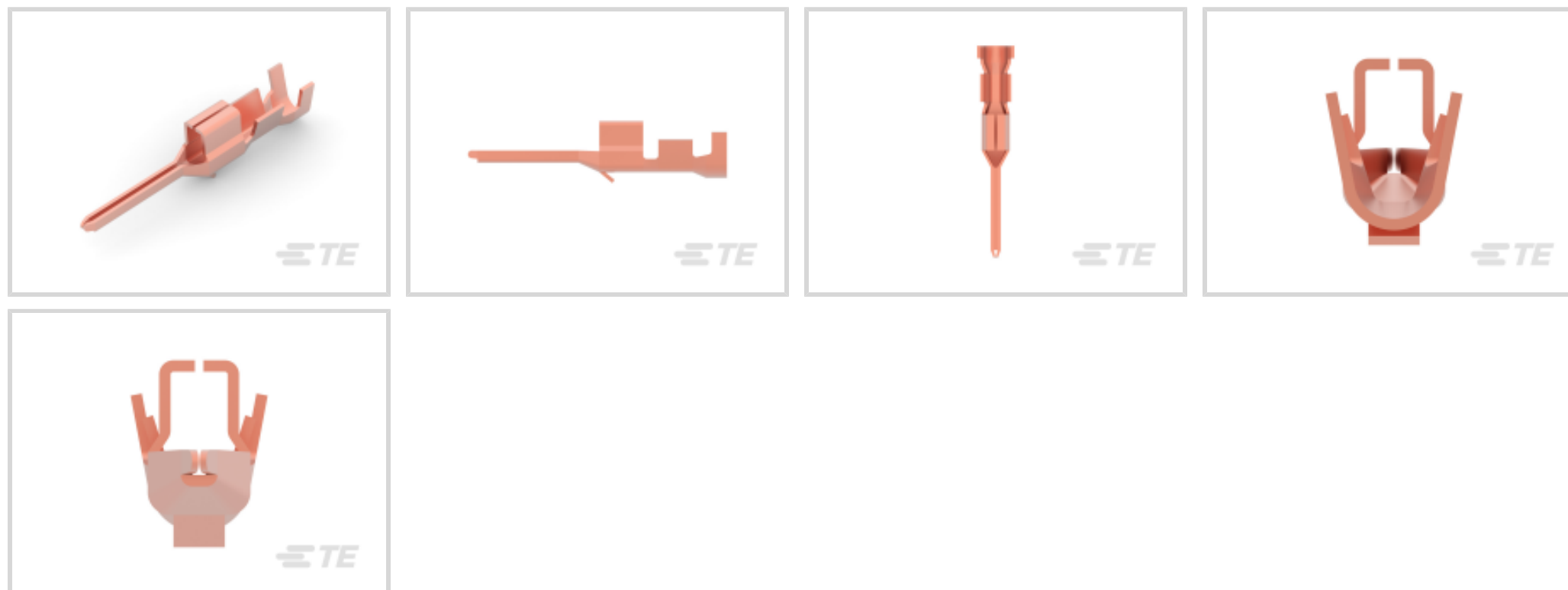
53 mm<sup>2</sup> Wire Size, Pre-Tin, Reel, Wire & Cable, 3 A, Signal, AMP

Signal Double Lock

[View on TE.com >](#)



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Contacts > Signal Double Lock Tab



Contact Type: **Tab**

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

Wire Size: **.3 – .53 mm<sup>2</sup>**

Contact Mating Area Plating Material: **Pre-Tin**

### [All Signal Double Lock Tab \(2\)](#)

## Features

### Product Type Features

Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

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

Operating Voltage	250 VAC
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### Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
Contact Retention Within Housing	With
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Mating Area Plating Material Thickness	.2 μm[7.87 μin]
Contact Base Material	Phosphor Bronze



Contact Type	Tab
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Contact Mating Area Plating Material	Pre-Tin
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Contact Current Rating (Max)	3 A
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### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
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Connector Mounting Type	Cable Mount (Free-Hanging)
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### Dimensions

Accepts Wire Insulation Diameter Range	1.4 – 1.8 mm [.055 – .071 in]
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Wire Size	.3 – .53 mm <sup>2</sup>
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### 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 Quantity	8000
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Packaging Method	Reel
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### Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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## 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

 <p>TE Part # CAT-SI261-C1701A Glow Wire Signal Double Lock Cap</p>	 <p>TE Part # CAT-SI261-C1701 STD Temp Signal Double Lock Cap</p>	 <p>TE Part # 2305570-1 TERMINAL CUTTER, SIDE FEED</p>	 <p>TE Part # 2-2151081-1 OCEAN_2.0_APPLICATION-S-050F070F</p>
 <p>TE Part # 2-2151081-2 OCEAN_2.0_APPLICATION-S-050F070F</p>	 <p>TE Part # 2151081-1 OCEAN_2.0_APPLICATION-S-050F070F</p>	 <p>TE Part # 2151081-2 OCEAN_2.0_APPLICATION-S-050F070F</p>	 <p>TE Part # 234605-1 EXT-TOOL</p>
 <p>TE Part # 7-2151081-1 OCEAN_2.0_APPLICATION-S-050F070F</p>	 <p>TE Part # 7-2151081-2 OCEAN_2.0_APPLICATION-S-050F070F</p>	 <p>TE Part # 7-2151081-7 OCEAN_2.0_SPARE_PART_KIT-050F070F</p>	

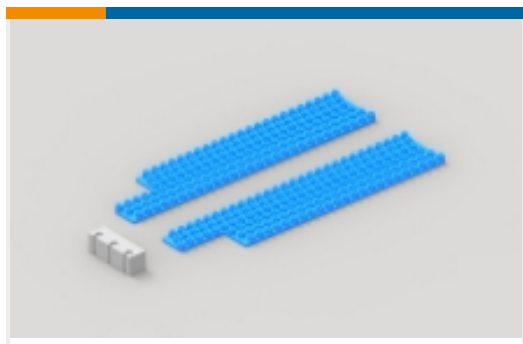
Also in the Series | **AMP Signal Double Lock**



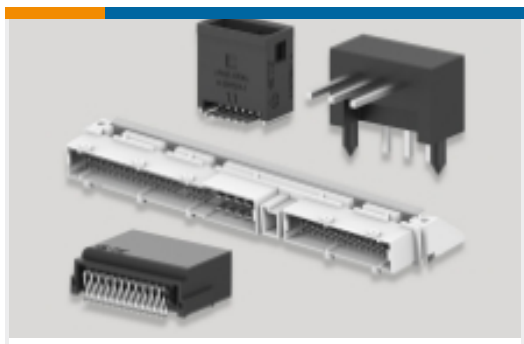
Connector Contacts(8)



Insertion & Extraction Tools(1)



PCB Connector Seals(1)



PCB Headers & Receptacles(145)



PCB Latches, Locks & Retainers(17)



Rectangular Caps & Covers(1)



Rectangular Connector Housings(23)



Rectangular Connector Locking(2)



Rectangular Connector Seals(10)



Rectangular Power Connectors(3)



Standard Rectangular Connectors(1)



Wire-to-Board Connector Assemblies & Housings(74)



Wire-to-Board Connector Contacts(6)

## Customers Also Bought



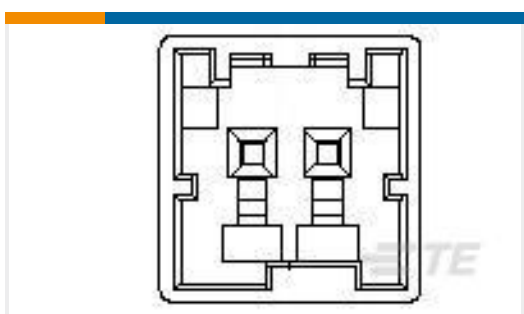
TE Part #1376392-1  
5MM POWER KEY 4P PLUG 2ROW NUT



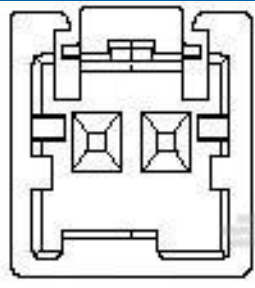
TE Part #917687-1  
2.5 SIGNAL D/LOCK PLUG HSG 3P



TE Part #1827395-1  
GIC 3.3 REC CONTACT TIN PLATE



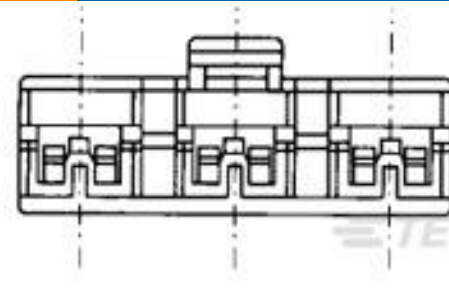
TE Part #1-1903391-2  
GIC 2.5 W CAP HSG 2P RED



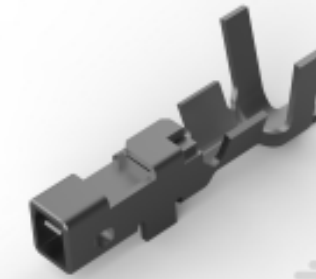
TE Part #1-1903388-2  
GIC 2.5 W PLUG HSG 2P RED



TE Part #1747995-3  
GHC EYELET 6.2 3POS PLUG HOUSING BLUE



TE Part #353255-7  
110 HSG. PL EX REC. 7.6mm 3P RED



TE Part #1871859-2  
GIC 2.5 REC CONT TIN PLATE TYPE (MTYPE)



TE Part #353256-1  
110 HSG. PL EX REC. 7.6mm 3P NAT

## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_917764-1\\_E.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_917764-1\\_E.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_917764-1\\_E.3d\\_stp.zip](#)

English

#### 3D PDF

English

#### Customer View Model

[ENG\\_CVM\\_917764-1\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_917764-1\\_A.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_917764-1\\_A.2d\\_dxf.zip](#)

English

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### Datasheets & Catalog Pages

[SOFT\\_SHELL\\_PIN\\_AND\\_SOCKET\\_CONNECTORS\\_CATALOG](#)



English

[1773458-3\\_2.5MM\\_SIGNAL\\_DOUBLE\\_LOCK\\_CONNECTORS](#)

English

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**Product Specifications**

[Product Specification](#)

English

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**Product Environmental Compliance**

[TE Material Declaration](#)

English