

AMP Signal Double Lock

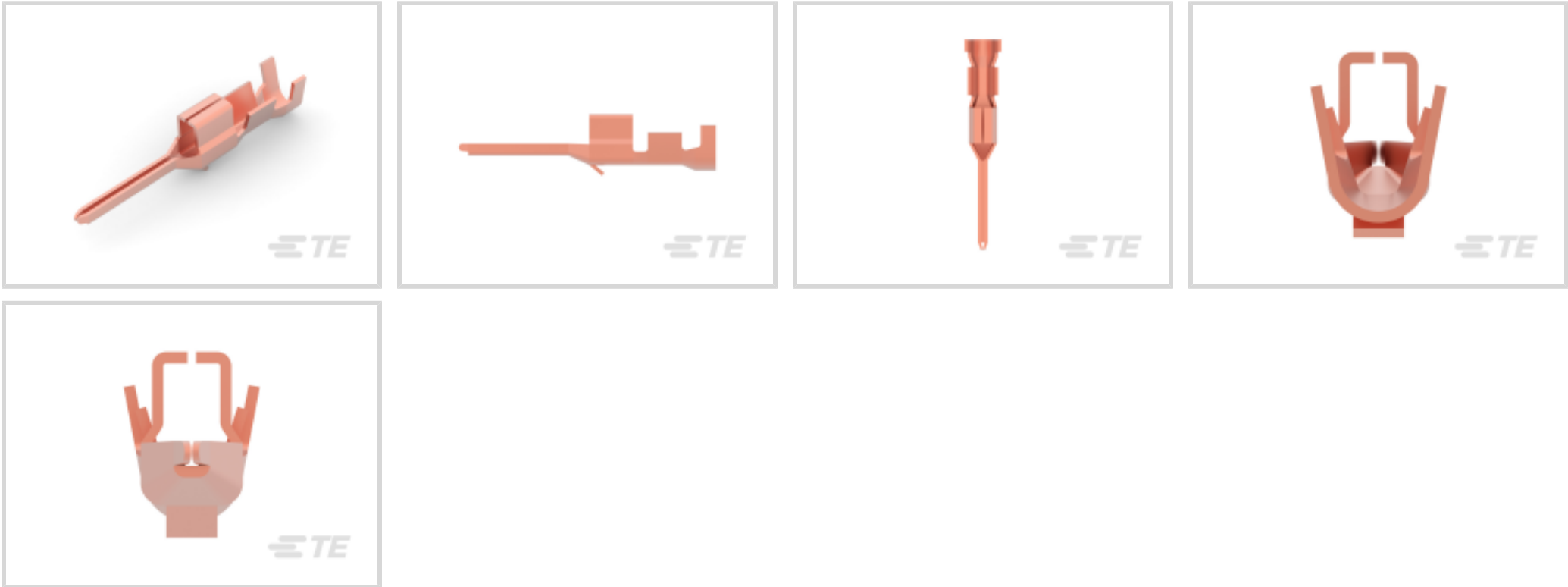
TE Internal #: 917764-1

Tab Contact, Tin, 250 VAC, 250 VDC, Locking Lance Contact Retention, Discrete Wire, 22 – 20 AWG Wire Size, AMP Signal Double Lock

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts > Signal Double Lock Tab



Contact Type: **Tab**
Contact Mating Area Plating Material: **Tin**
Wire Contact Termination Area Plating Material: **Pre-Tin**
Operating Voltage: **250 VDC**

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

Features

Packaging Features

Packaging Method	Reel
Packaging Quantity	8000

Dimensions

Compatible Insulation Diameter Range	1.4 – 1.8 mm[.055 – .071 in]
Wire Size	.3 – .53 mm²

Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
Contact Type	Tab
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Retention Within Housing	With
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	3 A



Electrical Characteristics

Operating Voltage	250 VDC
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Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Termination Features

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

Usage Conditions

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

Circuit Application	Signal
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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



TE Part # CAT-SI261-C1701A
Glow Wire Signal Double Lock Cap



TE Part # CAT-SI261-C1701
STD Temp Signal Double Lock Cap



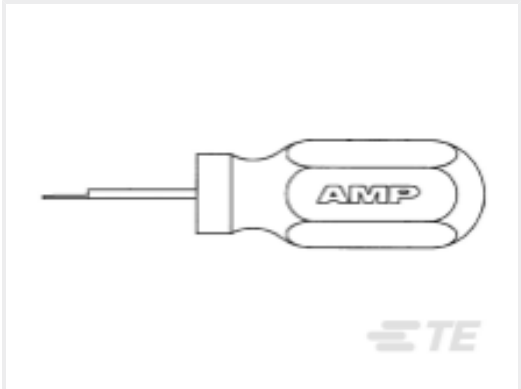
TE Part # 2151081-1
OCEAN_2.0_APPLICATOR-S-050F070F-RSM



TE Part # 2151081-2
OCEAN_2.0_APPLICATOR-S-050F070F-RSA



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



TE Part # 234605-1
EXT-TOOL



TE Part # 7-2151081-7
OCEAN_2.0_SPARE_PART_KIT-050F070F

Also in the Series | AMP Signal Double Lock



Connector Caps & Covers(1)



Connector Contacts(14)



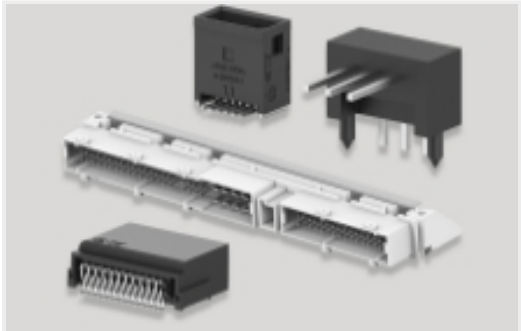
Connector Hardware(19)



Connector Seals & Cavity Plugs(10)



Insertion & Extraction Tools(1)



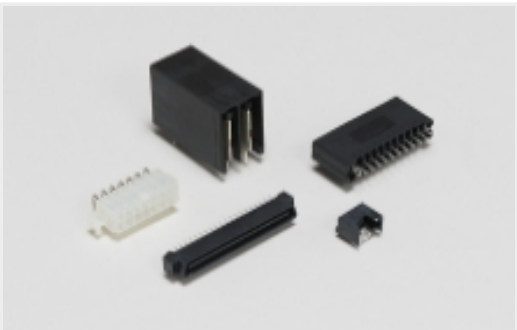
PCB Headers & Receptacles(146)



Rectangular Connector Housings(23)



Rectangular Power Connectors(1)

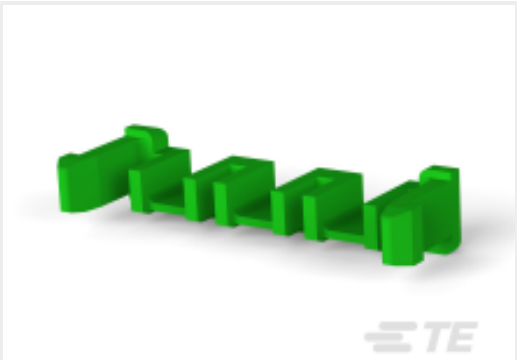


Standard Rectangular Connectors(1)

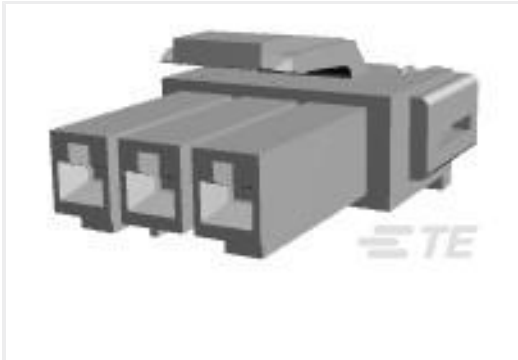


Wire-to-Board Connector Assemblies & Housings(76)

Customers Also Bought



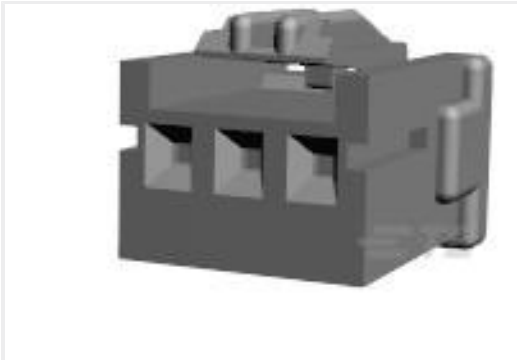
TE Part #1376396-1
Power Key TPA



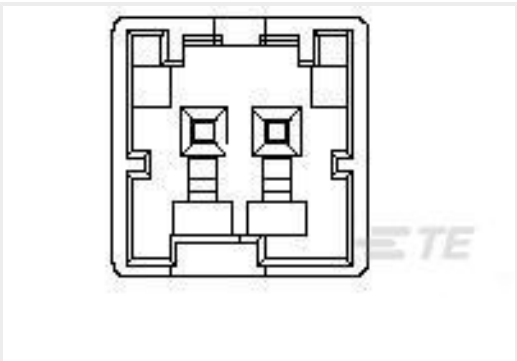
TE Part #177899-1
POWER DBL LOCK PLUG HSG 3P



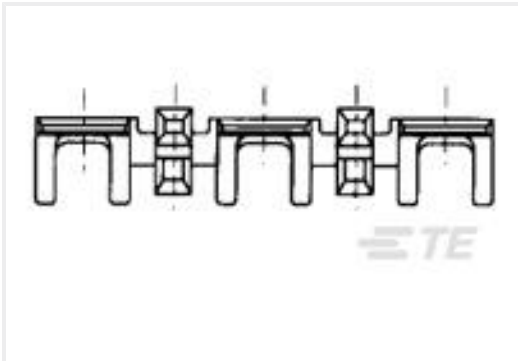
TE Part #316087-1
2.5 SIGNAL D/LOCK CAP HSG 3P



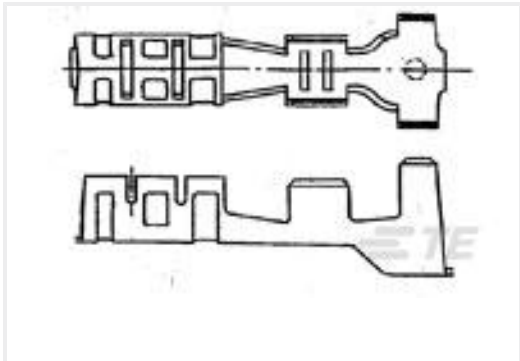
TE Part #917687-1
2.5 SIGNAL D/LOCK PLUG HSG 3P



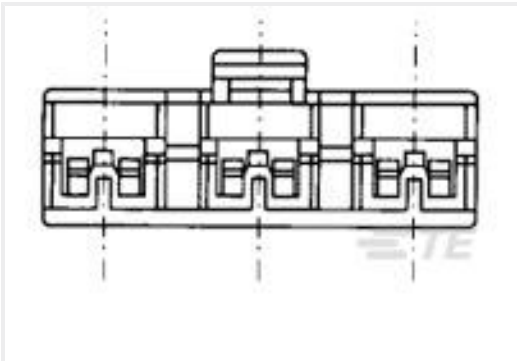
TE Part #1903391-1
GIC 2.5 W CAP HSG 2P NATURAL



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



TE Part #175135-1
CONTACT 22-18 AWG 0.30 X 17.0 PTKLF-5



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

Documents

Product Drawings

2.5 SIGNAL D/LOCK TAB CONT. L

English

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

Product Specifications

[Application Specification](#)

English