

AMP Signal Double Lock

TE Internal #: 917684-1

Socket Contact, Tin, 250 VAC, 250 VDC, Locking Lance Contact

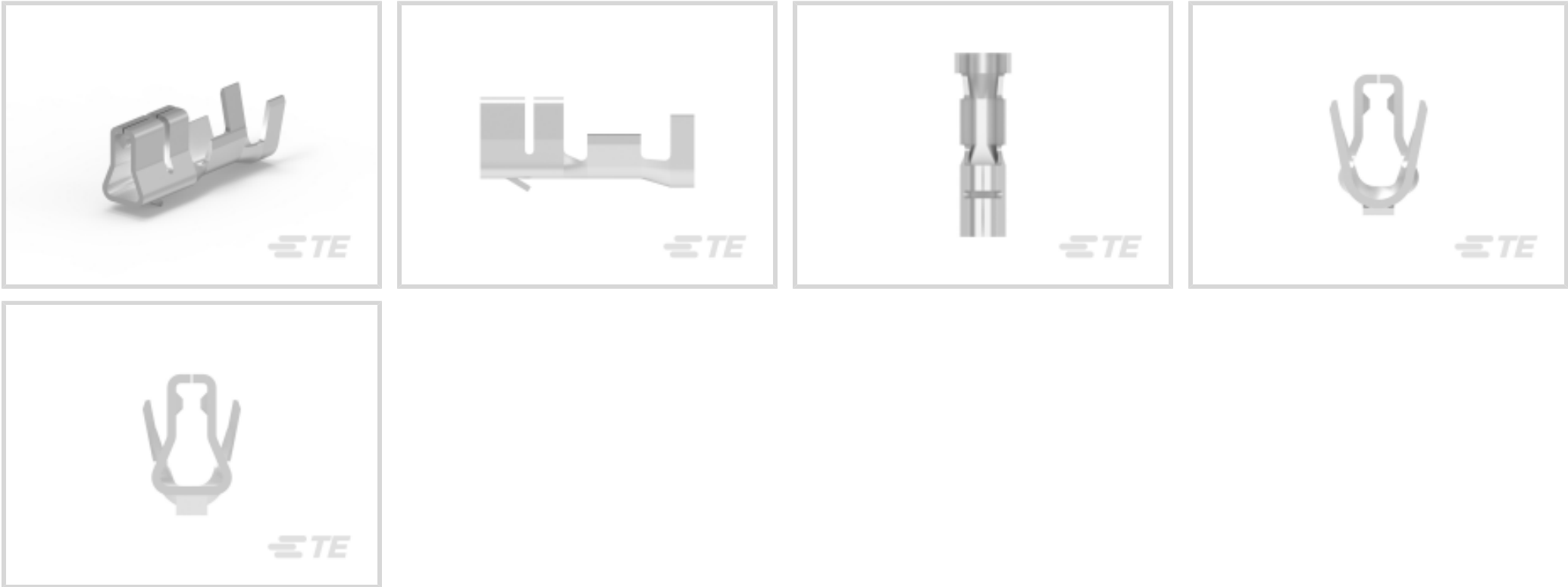
Retention, Discrete Wire, 26 – 22 AWG Wire Size, AMP Signal

Double Lock

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts > Signal Double Lock Receptacle



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin**

Wire Contact Termination Area Plating Material: **Pre-Tin**

Operating Voltage: **250 VDC**

All Signal Double Lock Receptacle (4)

Features

Configuration Features

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

Electrical Characteristics

Operating Voltage	250 VDC
-------------------	---------

Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
Contact Type	Socket
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

Termination Features

Termination Method to Wire & Cable	Crimp
------------------------------------	-------



Product Terminates To	Wire & Cable
Mechanical Attachment	
Contact Retention Type Within Housing	Locking Lance

Dimensions	
Compatible Insulation Diameter Range	.93 – 1.5 mm [.037 – .059 in]
Wire Size	.12 – .35 mm ²

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

Operation/Application	
Circuit Application	Signal

Packaging Features	
Packaging Quantity	8000
Packaging Method	Reel

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

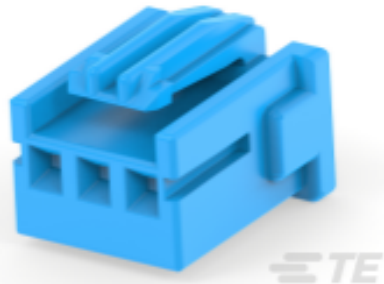
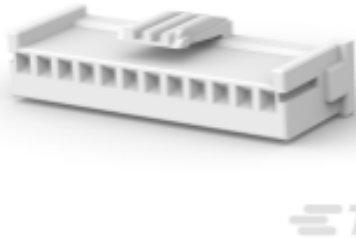
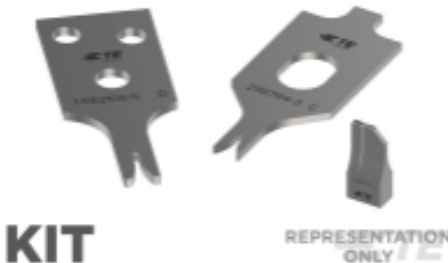
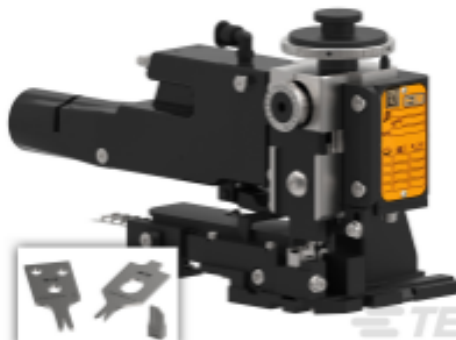
Product Compliance Disclaimer

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-P729A Glow Wire Signal Double Lock Plug	 TE Part # CAT-SI261-P729 STD Temp Signal Double Lock Plug	 TE Part # 5-917690-1 2.5 SIGNAL D/LOCK PLUG HSG 6P	 TE Part # 917687-6 2.5 SIGNAL D/LOCK PLUG HSG 3P
 TE Part # 2151085-1 OCEAN-2.0-APPLICATOR-S-046F067F-RSM	 TE Part # 2151085-2 OCEAN-2.0-APPLICATOR-S-046F067F-RSA	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 234605-1 EXT-TOOL
 TE Part # 5-917696-1 2.5 SIGNAL D/LOCK PLUG HSG 12P	 TE Part # 7-2151085-7 OCEAN_2.0_SPARE_PART_KIT-046F067F	 TE Part # 7-2151085-1 OCEAN-2.0-APPLICATOR-S-046F067F	 TE Part # 7-2151085-2 OCEAN-2.0-APPLICATOR-S-046F067FA
 TE Part # 2388805-6 SDL 2.5MM PLUG 6P	 TE Part # 2388805-8 SDL 2.5MM PLUG 8P	 TE Part # 2388805-9 SDL 2.5MM PLUG 9P	 TE Part # 1-2388805-0 SDL 2.5MM PLUG 10P



TE Part # 2388805-7
SDL 2.5MM PLUG 7P

TE Part # 1-2388805-1
SDL 2.5MM PLUG 11P

TE Part # 1-2388805-3
SDL 2.5MM PLUG 13P

TE Part # 1-2388805-2
SDL 2.5MM PLUG 12P

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(144)

Rectangular Connector Housings(23)

Rectangular Power Connectors(3)

Standard Rectangular Connectors(1)

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

Customers Also Bought

TE Part #917690-1
STD Temp Signal Double Lock Plug

TE Part #316089-1
STD Temp Signal Double Lock Cap

TE Part #917702-1
Signal Double Lock TPA



Documents

Product Drawings

2.5 SIGNAL DBL LOCK REC CONT M

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_917684-1_L.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_917684-1_L.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_917684-1_L.3d_stp.zip

English

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

Datasheets & Catalog Pages

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English

1773458-3_2.5MM_SIGNAL_DOUBLE_LOCK_CONNECTORS

English

Product Specifications

Engineering Report

English