



AMP Signal Double Lock

TE Internal #: 1376476-1

Tin (Sn), Socket Contact, 24 – 22 AWG, 50 VAC, 50 VDC, .12 – .38 mm² Wire, Discrete 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 mm²

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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 1366657-1
SAHT 2.5MM PITCH SIGNAL MATE 26-22 ASSY



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



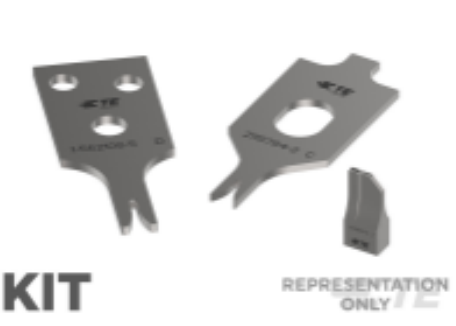
TE Part # 2151078-2
OCEAN_2.0_APPLICATOR-S-046F070F-RSA



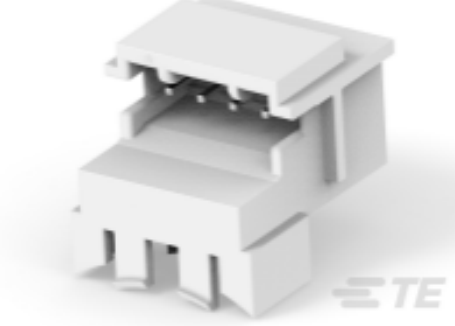
TE Part # 2151078-1
OCEAN_2.0_APPLICATOR-S-046F070F-RSM



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



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



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)



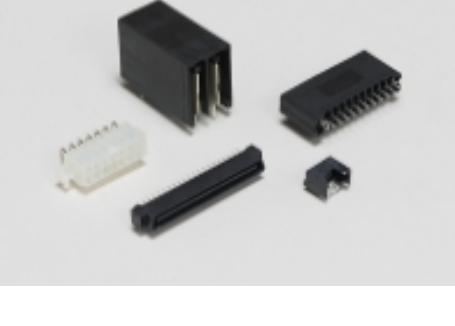
PCB Headers & Receptacles(152)



Rectangular Connector Housings(94)



Rectangular Power Connectors(69)

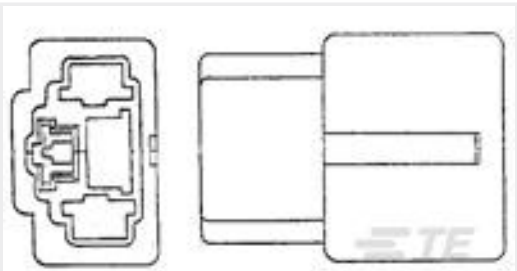


Standard Rectangular Connectors(95)



Wire-to-Board Connector Assemblies & Housings(32)

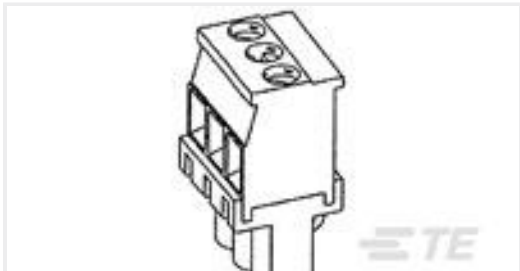
Customers Also Bought



TE Part #176773-5
FF 250 CAP HSG 3P NYLON NAT



TE Part #179975-1
250 PL EX REC. 15-10AWG PTBR



TE Part #284041-4
TERMINAL BLOCK VERTICAL PLUG S



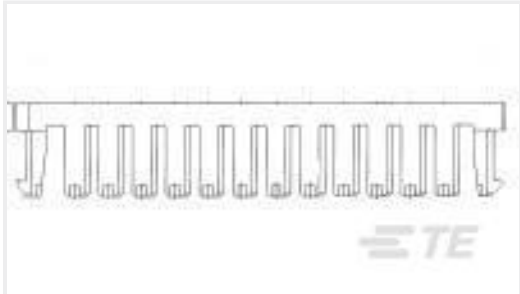
TE Part #917708-1
2.5 SIGNAL DBL LOCK D.L.P. 12P



TE Part #1744416-7
7 POS EP II HSG, GLOW WIRE



TE Part #1744544-7
EP II TPA 07P, BLACK



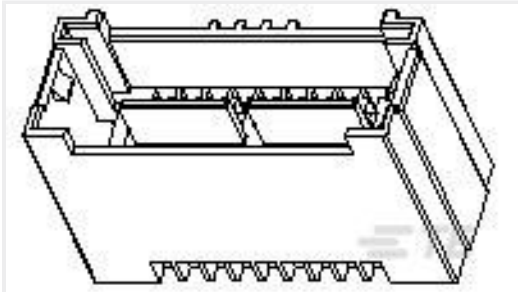
TE Part #1746076-1
2.5SDL DBL 14P HSG NAT



TE Part #1-1971030-4
4POS Plug Housing for GIC 2.0 EV Series



TE Part #2005542-1
BLOWER MOTOR 3P PLUG



TE Part #2108505-1
2.5 SDL 18P CAP HSG 2ROW

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

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



Application Specification

English