

316400-1 ✓ ACTIVE

AMP Signal Double Lock

TE Internal #: 316400-1

Connector Contact, Socket, Wire-to-Wire, 22 – 20 AWG Wire Size, .31 – .53 mm² Wire Size, Tin, Bag & Box, Wire & Cable, 3 A, AMP Signal Double Lock

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



Contact Type: **Socket**

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

Wire Size: **.31 – .53 mm²**

Contact Mating Area Plating Material: **Tin**

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

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	50 VAC
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Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
Contact Retention Within Housing	With
Contact Mating Area Plating Material Thickness	.2 μm[7.87 μin]
Contact Base Material	Phosphor Bronze
Contact Type	Socket



Contact Mating Area Plating Material	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	.31 – .53 mm ²
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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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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	1000
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Packaging Method	Bag & Box
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Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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: JUNE 2022 (224) Does not contain REACH SVHC
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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>

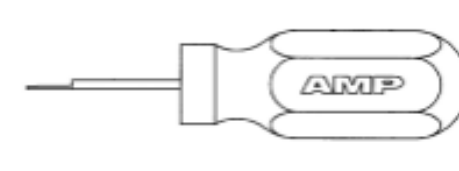
Compatible Parts



TE Part # CAT-SI261-P729
STD Temp Signal Double Lock Plug



TE Part # 917687-6
2.5 SIGNAL D/LOCK PLUG HSG 3P




TE Part # 234605-1
EXT-TOOL




TE Part # 234603-1
SAHT 2.5 SIG DBL-L L REC TAB 22-20 ASSY

Also in the Series | AMP Signal Double Lock




Connector Contacts(8)




Insertion & Extraction Tools(1)




PCB Headers & Receptacles(145)




PCB Latches, Locks & Retainers(17)



Rectangular Caps & Covers(1)



Rectangular Connector Housings(23)



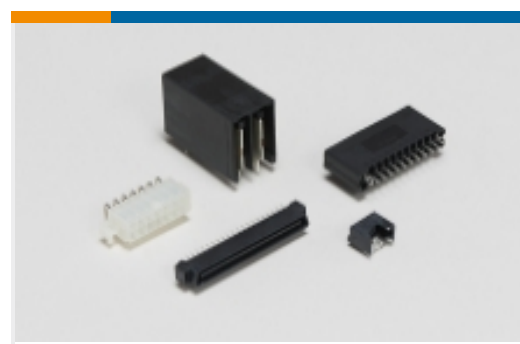
Rectangular Connector Locking(2)



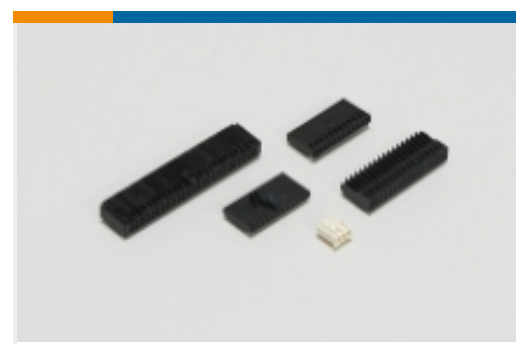
Rectangular Connector Seals(10)



Rectangular Power Connectors(3)



Standard Rectangular Connectors(1)

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

Wire-to-Board Connector Contacts(6)

Documents

Product Drawings

[2.5 SIGNAL D/L REC CONT. L L/P](#)

English

CAD Files

Customer View Model

[ENG_CVM_316400-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_316400-1_B.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_316400-1_B.2d_dxf.zip](#)

English

[3D PDF](#)

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

Product Specifications

[Product Specification](#)

English