

2108504-1 ✓ ACTIVE



AMP Signal Double Lock

TE Internal #: 2108504-1

Housing, Plug, Wire-to-Wire, 18 Position, .098 in [2.5 mm]

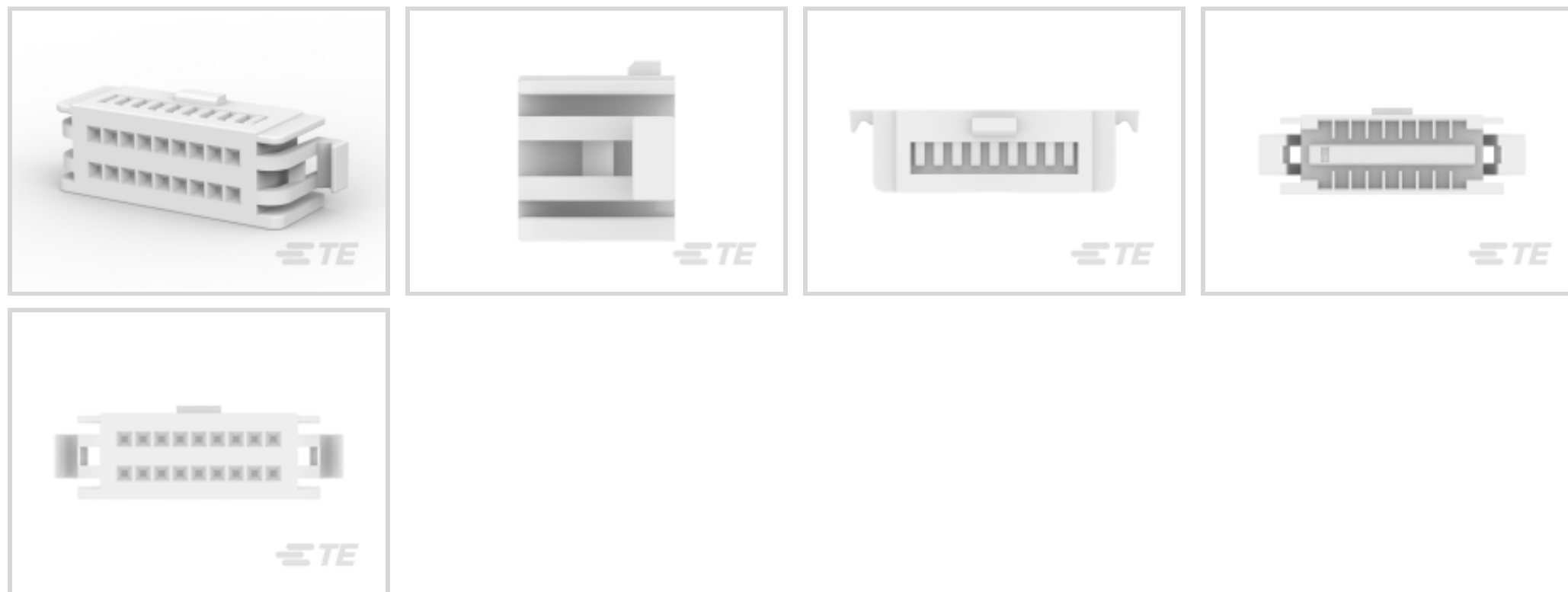
Centerline, Crimp, 2 Row, Natural, Mating Retention, Wire & Cable,

AMP Signal Double Lock

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Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings >

STD Temp Signal Double Lock Plug



Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **18**

Centerline (Pitch): **2.5 mm [.098 in]**

[All STD Temp Signal Double Lock Plug \(35\)](#)

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	18
Number of Rows	2

Electrical Characteristics

Operating Voltage	50 VAC
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Body Features

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Primary Product Color	Natural
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Contact Features

Contact Type	Socket
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Retention Type	Latch
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA 66
Centerline (Pitch)	2.5 mm [.098 in]

Dimensions

Connector Length	38.97 mm
Connector Height	11.6 mm
Wire Size	.326 – .518 mm ²
Row-to-Row Spacing	4.6 mm [.181 in]

Usage Conditions

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

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	600
Packaging Method	Bag & Box



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: 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 reviewed for solder process capability

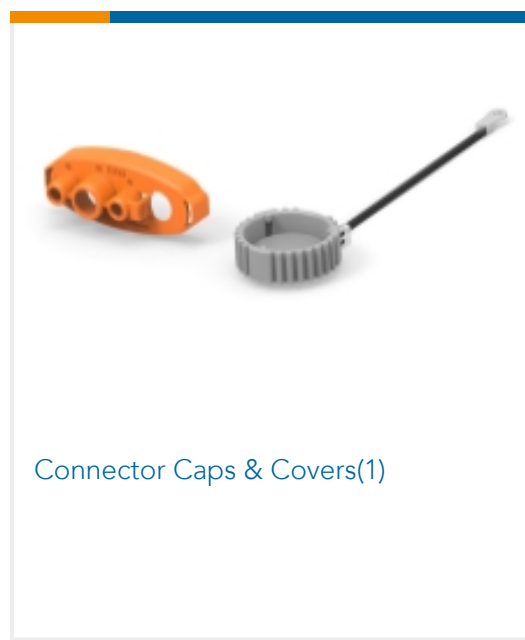
Product Compliance Disclaimer

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>

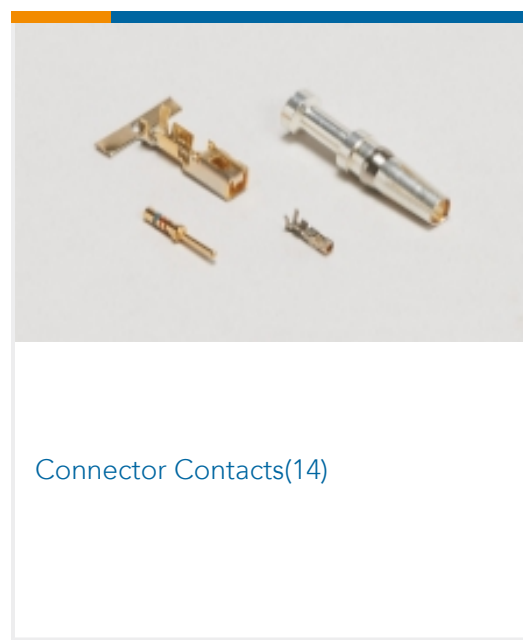
Compatible Parts

 <p>TE Part # CAT-SI261-P729 STD Temp Signal Double Lock Plug</p>	 <p>TE Part # 2108505-1 2.5 SDL 18P CAP HSG 2ROW</p>	 <p>TE Part # 1376477-3 2.5MM PITCH SIGNAL MATE CONN</p>	 <p>TE Part # 1376477-2 2.5MM PITCH SIGNAL MATE CONN</p>
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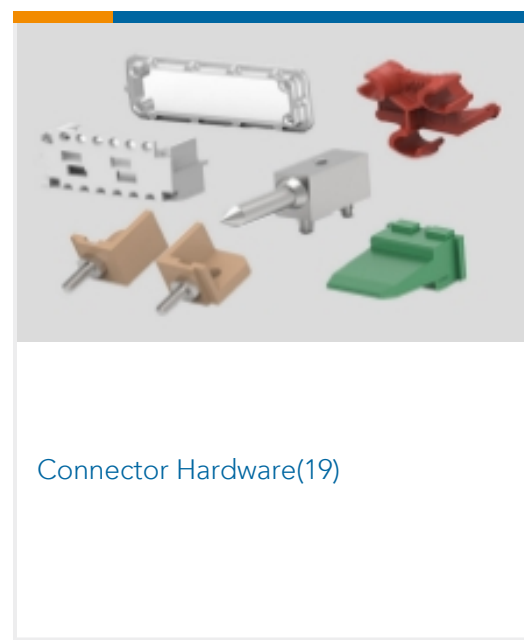
Also in the Series | AMP Signal Double Lock



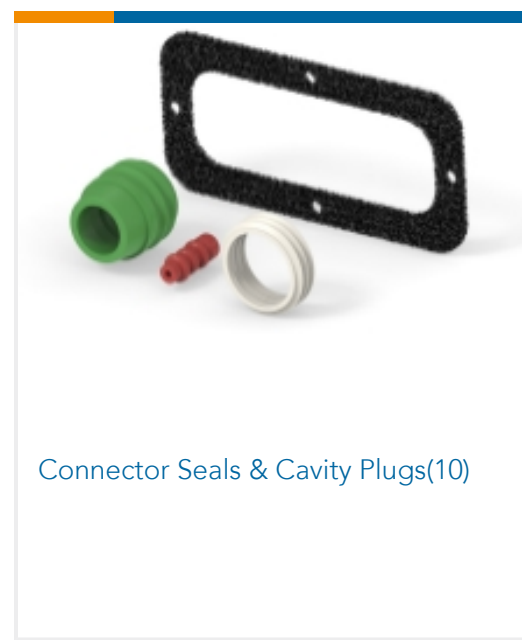
Connector Caps & Covers(1)



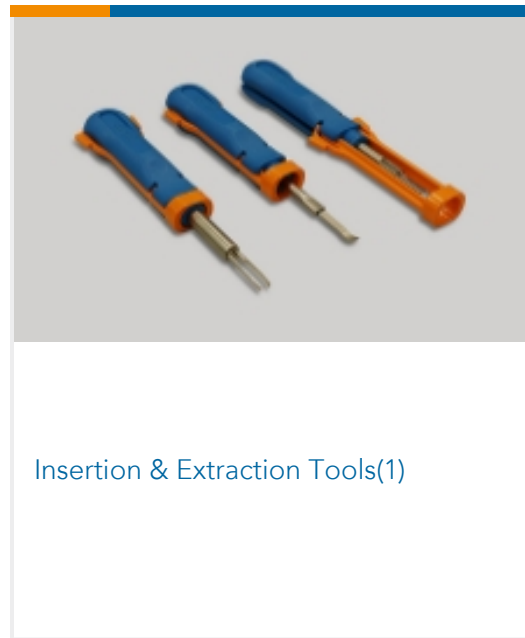
Connector Contacts(14)



Connector Hardware(19)



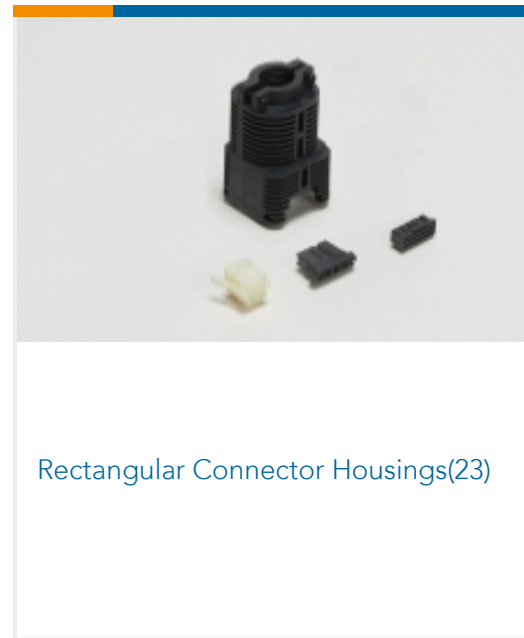
Connector Seals & Cavity Plugs(10)



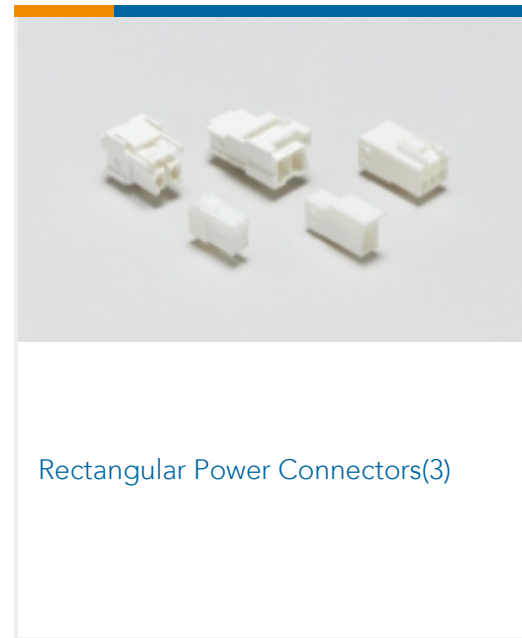
Insertion & Extraction Tools(1)



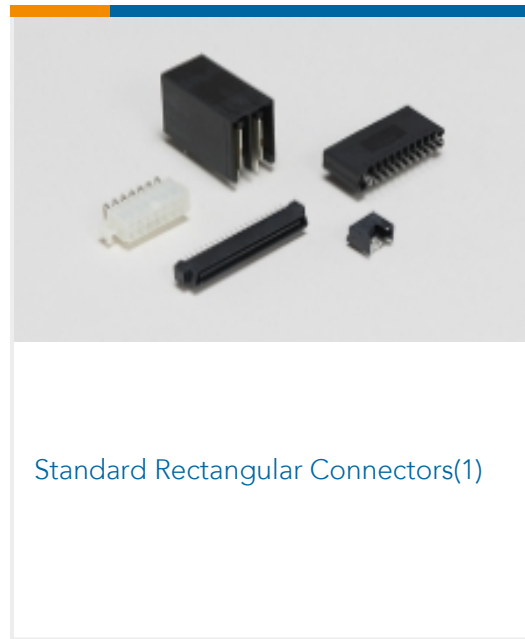
PCB Headers & Receptacles(144)



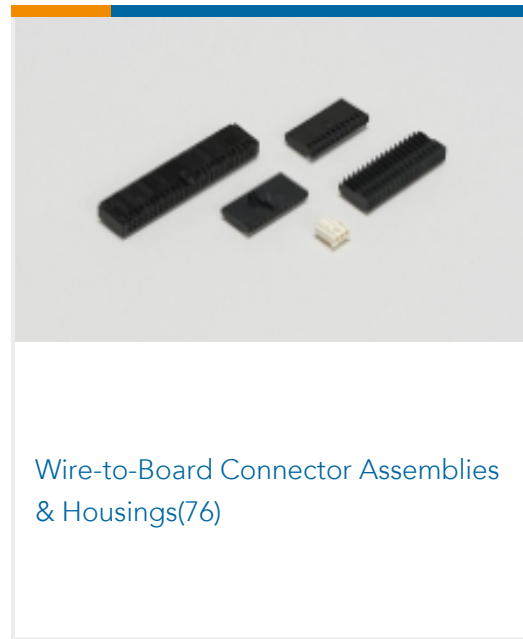
Rectangular Connector Housings(23)



Rectangular Power Connectors(3)



Standard Rectangular Connectors(1)



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

Customers Also Bought



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



TE Part #917692-1
STD Temp Signal Double Lock Plug



TE Part #917702-1
Signal Double Lock TPA



TE Part #917701-1
2.5 SIGNAL DBL LOCK DLP 5P

Documents

Product Drawings

2.5 SDL 18P PLUG HSG 2ROW

English

CAD Files

3D PDF

3D

Customer View Model



[ENG_CVM_CVM_2108504-1_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2108504-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2108504-1_E.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[Agency Approval Document](#)

English