

917696-1 ✓ ACTIVE

## AMP Signal Double Lock

TE Internal #: 917696-1

Housing, Plug, Wire-to-Wire, 12 Position, 2.5 mm [.098 in]  
Centerline, Crimp, 1 Row, Red, Mating Retention, Wire & Cable,  
AMP Signal Double Lock

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STD Temp Signal Double Lock Plug



Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **12**

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	12
Number of Rows	1

### Electrical Characteristics

Operating Voltage	250 VAC
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### Contact Features

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Contact Layout	Inline
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
Mating Retention Type	Latch
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

#### Housing Features

Housing Material	Nylon 6/6
Centerline (Pitch)	2.5 mm [.098 in]
Housing Color	Red

#### Dimensions

	11 in
Wire Size	.518 mm <sup>2</sup>

#### 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

Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

#### Packaging Features

Packaging Quantity	200
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



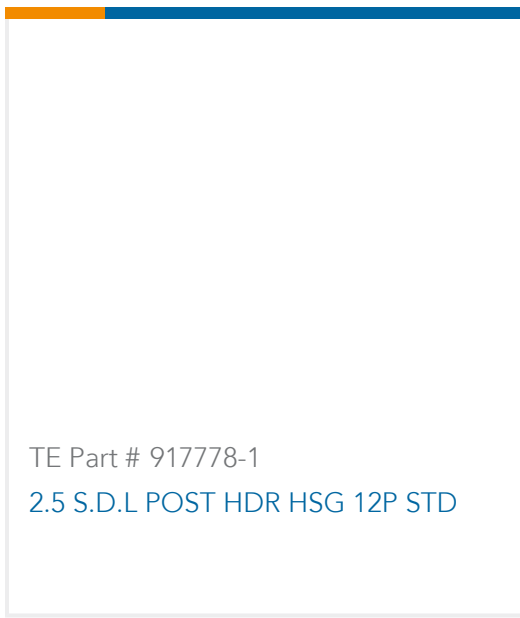
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 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

 <p>TE Part # CAT-SI261-R2435 Signal Double Lock Receptacle</p>	 <p>TE Part # 917790-1 2.5 S.D.L POST HDR ASSY 12P STD</p>	 <p>TE Part # 917732-1 2.5 SIGNAL D/LOCK HDR ASSY 12P</p>	 <p>TE Part # 917790-2 2.5 SDL POST HDR ASSY 12P RED</p>
 <p>TE Part # 2-917732-1 2.5 S.D.L HDR ASSY 12P H-PRO</p>	 <p>TE Part # 2-917790-1 2.5 S.D.L POST HDR ASSY 12P STD</p>	 <p>TE Part # 316401-1 2.5 SIGNAL D/L REC CONT. M L/P</p>	 <p>TE Part # 234605-1 EXT-TOOL</p>



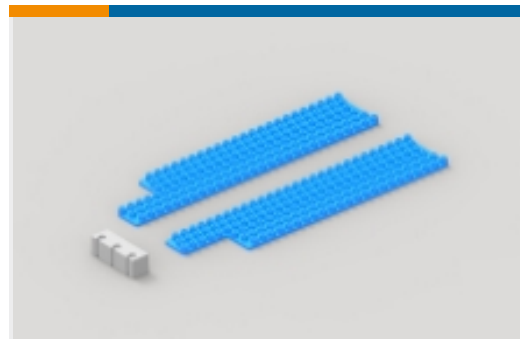
### Also in the Series | AMP Signal Double Lock



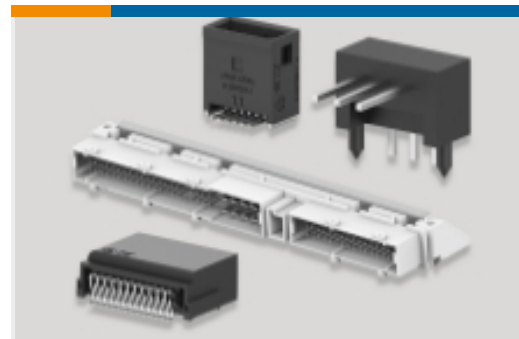
Connector Contacts(8)



Insertion & Extraction Tools(1)



PCB Connector Seals(1)



PCB Headers & Receptacles(145)



PCB Latches, Locks & Retainers(17)



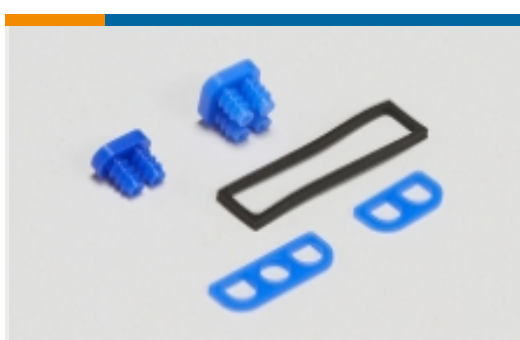
Rectangular Caps & Covers(1)



Rectangular Connector Housings(23)



Rectangular Connector Locking(2)



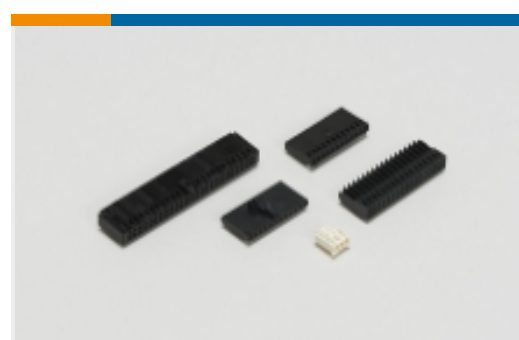
Rectangular Connector Seals(10)



Rectangular Power Connectors(3)



Standard Rectangular Connectors(1)

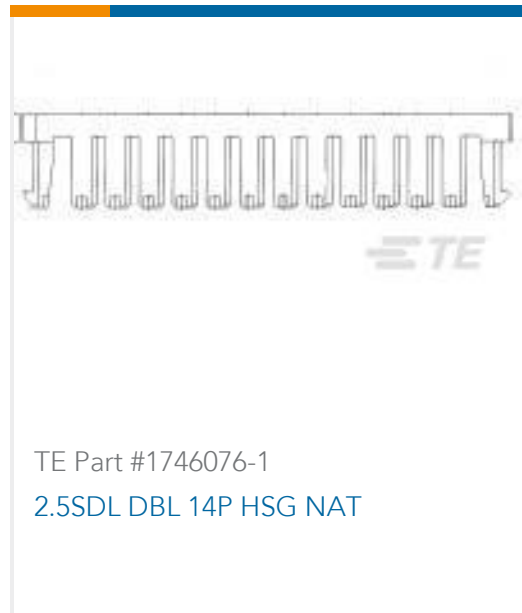


Wire-to-Board Connector Assemblies & Housings(74)



Wire-to-Board Connector Contacts(6)

### Customers Also Bought



## Documents

### Product Drawings

[2.5 SIGNAL D/LOCK PLUG HSG 12P](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_917696-1\\_S.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_917696-1\\_S.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_917696-1\\_S.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 Environmental Compliance

[MD\\_917696-1\\_040820142248\\_dmtec](#)

English



[MD\\_917696-1\\_040820142248\\_dmtec](#)

English

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**Instruction Sheets**

[Instruction Sheet \(non U.S.\)](#)

English

[AMP 2.5 SIGNAL DOUBLE LOCK CONNECTOR SERIES](#)

English

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**Agency Approvals**

[CSA Certificate](#)

English

[CSA Certificate](#)

English