



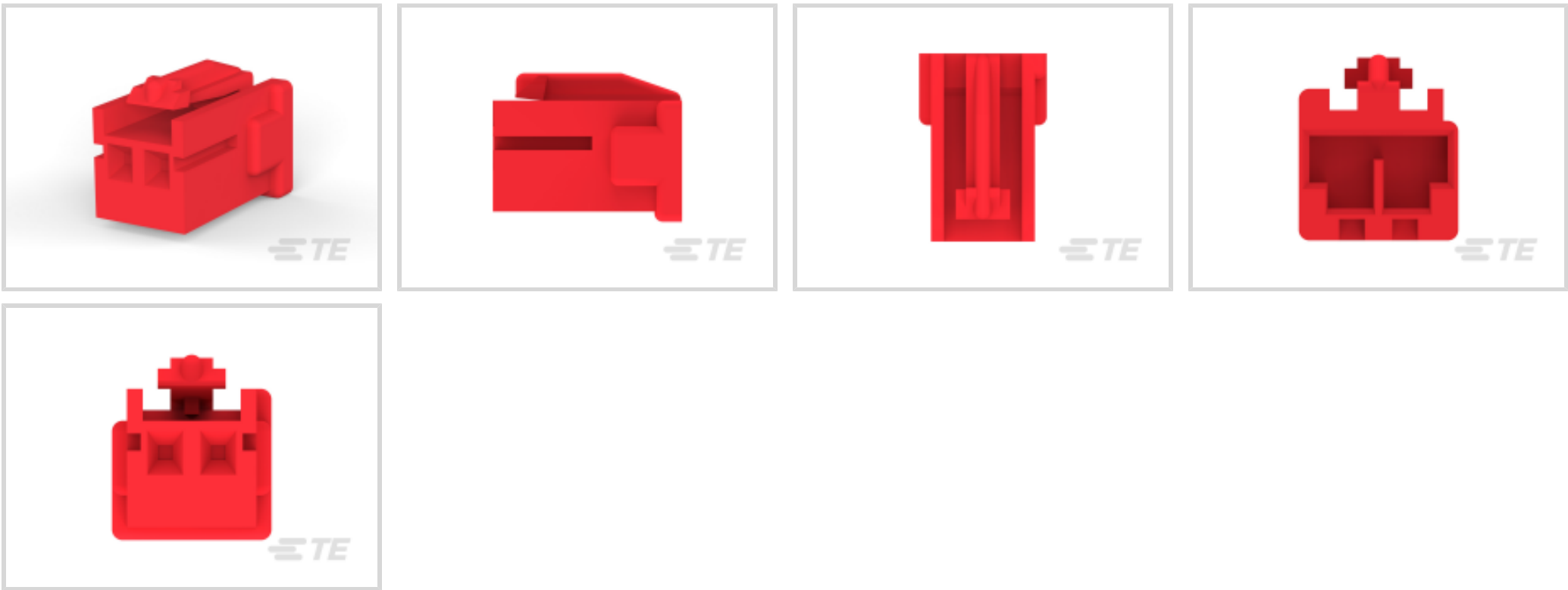
AMP Signal Double Lock

TE Internal #: 917686-2

Housing, Plug, Wire-to-Wire, 2 Position, 2.5 mm [.098 in] Centerline, Crimp, 1 Row, Red, Mating Retention, Wire & Cable, AMP Signal Double Lock

[View on TE.com >](#)

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: **2**

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	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

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Primary Product Color	Red
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Contact Features

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]

Dimensions

	7.5 in
Wire Size	.326 – .518 mm ²

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	600
Packaging Method	Bag & Box

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)





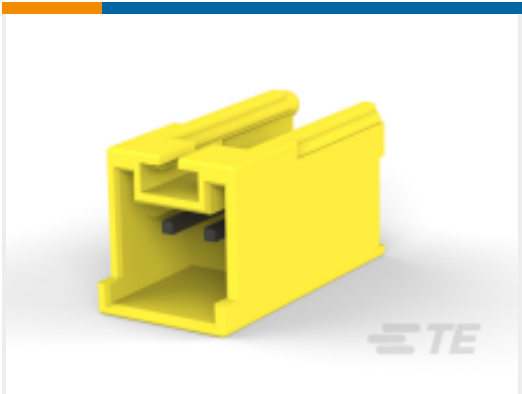
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

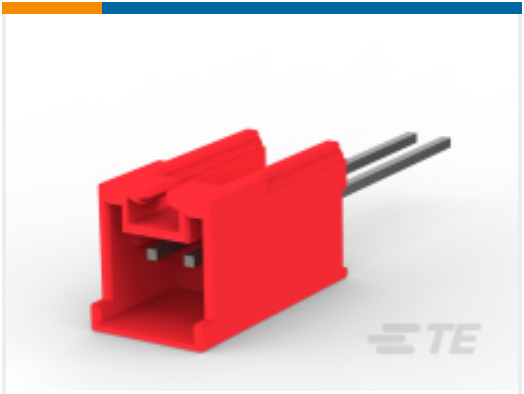
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

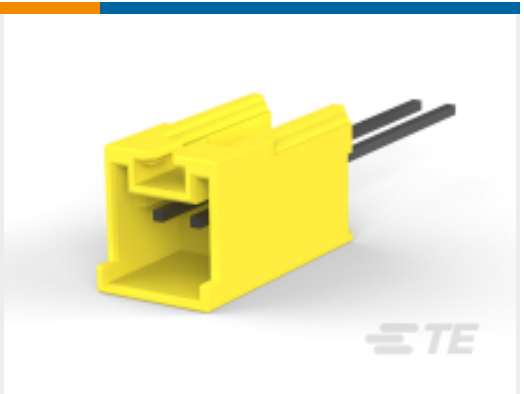
 TE Part # CAT-SI261-C1701 STD Temp Signal Double Lock Cap	 TE Part # CAT-SI261-R2435 Signal Double Lock Receptacle	 TE Part # 917698-1 2.5 SIGNAL DBL LOCK D.L.P 2P	 TE Part # 2108504-1 2.5 SDL 18P PLUG HSG 2ROW
 TE Part # 917780-1 2.5 S.D.L POST HDR ASY 2P STD	 TE Part # 2-917780-1 2.5 S.D.L POST HDR ASY 2P STD	 TE Part # 917894-1 2.5 S.D.L STD V 2P HDR ON/TAPE	 TE Part # 316221-1 2.5S.D.L HI-PRO V 2P ON/TAPE



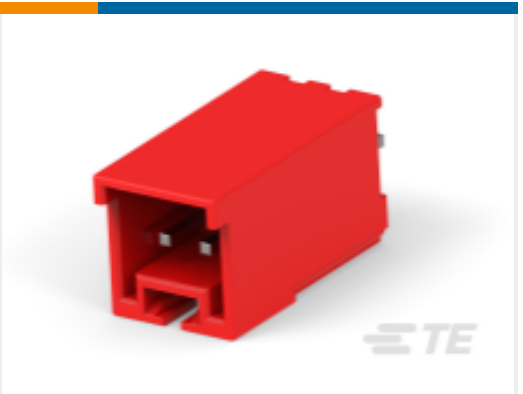
TE Part # 917722-4
2.5 S.D.L HDR ASSY 2P H-PRO



TE Part # 316221-2
2.5 S.D.L HI-PRO 2P ON/TAPE



TE Part # 316221-4
2.5S.D.L HDR V 2P H-PRO RADIAL



TE Part # 2-917722-2
2.5 S.D.L HDR ASSY 2P H-PRO



TE Part # 2-917722-4
2.5 S.D.L HDR ASSY 2P H-PRO



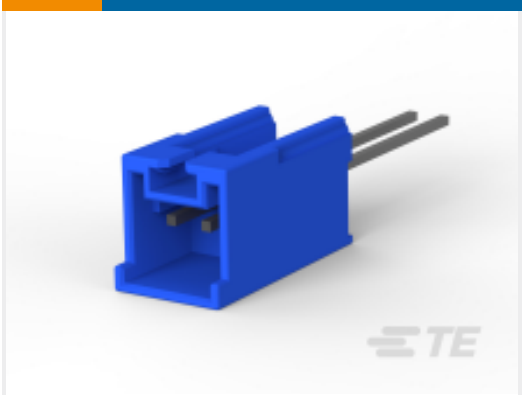
TE Part # 2-917722-6
2.5 S.D.L HDR ASSY 2P H-PRO



TE Part # 2-917722-9
2.5 S.D.L HDR ASSY 2P H-PRO



TE Part # 2-917780-9
2.5 SDL POST HDR 2P STD W/O BO



TE Part # 316221-6
2.5 S.D.L HI-PRO V 2P ON/TAPE



TE Part # 316221-9
2.5 S.D L HI-PRO V 2P ON/TAPE



TE Part # 316401-1
2.5 SIGNAL D/L REC CONT. M L/P

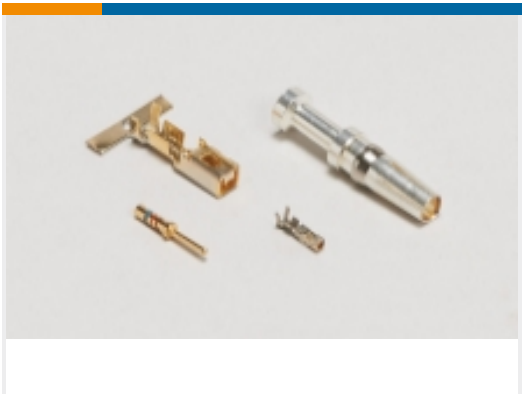


TE Part # 917722-2
2.5 S.D.LOCK HDR ASSY 2P H/PRO

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 #179939-1
POWER D/LOCK PLUG HSG 4P /6.5



TE Part #917686-1
STD Temp Signal Double Lock Plug



TE Part #917698-1
2.5 SIGNAL DBL LOCK D.L.P 2P



TE Part #917684-1
2.5 SIGNAL DBL LOCK REC CONT M



TE Part #176271-1
AMP UNIVERSAL POWER PLUG 2P



TE Part #171706-1
FASTON 250 INS POD NYLON NAT



TE Part #175022-1
250 PL EX REC. 18-14AWG PTBR



TE Part #1743221-1
250 PL EX FLAG REC. 18-12AWG PTBR

Documents

Product Drawings

2.5 S.DBL L. PLUG HSG 2P RED

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_917686-2_L.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_917686-2_L.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_917686-2_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

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English