



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

[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: **12**

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

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

Features

Dimensions

	32.5 in
Wire Size	20 AWG

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



Housing Features

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

Termination Features

Termination Method to Wire & Cable	Crimp
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Body Features

Primary Product Color	Red
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Mechanical Attachment

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

Contact Features

Contact Current Rating (Max)	3 A
Contact Layout	Inline
Contact Type	Socket

Operation/Application

Circuit Application	Power & Signal
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Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Electrical Characteristics

Operating Voltage	250 VDC
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Industry Standards

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

Packaging Features

Packaging Method	Bag & Box
Packaging Quantity	200



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	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



TE Part # CAT-SI261-R2435
Signal Double Lock Receptacle



TE Part # 917790-1
2.5 S.D.L POST HDR ASSY 12P STD



TE Part # 917732-1
2.5 SIGNAL D/LOCK HDR ASSY 12P



TE Part # 917790-2
2.5 SDL POST HDR ASSY 12P RED





TE Part # 2-917732-1
2.5 S.D.L HDR ASSY 12P H-PRO



TE Part # 2-917790-1
2.5 S.D.L POST HDR ASY 12P STD




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




TE Part # 234605-1
EXT-TOOL

TE Part # 917778-1
2.5 S.D.L POST HDR HSG 12P STD

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(146)




Rectangular Connector Housings(23)



Rectangular Power Connectors(1)



Standard Rectangular Connectors(1)



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

Customers Also Bought





TE Part #917693-1
STD Temp Signal Double Lock Plug



TE Part #316088-1
2.5 SIGNAL D/LOCK CAP HSG 4P



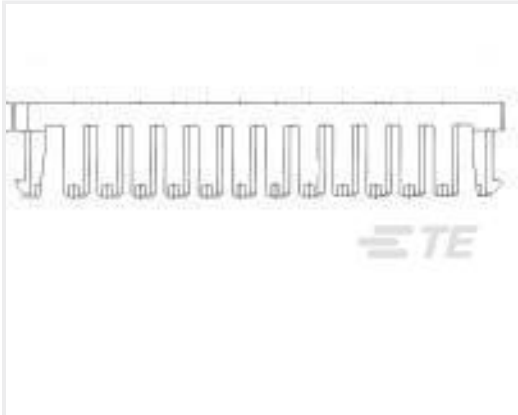
TE Part #917684-1
2.5 SIGNAL DBL LOCK REC CONT M



TE Part #917706-1
2.5 SIGNAL DBL LOCK DLP 10P



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



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



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



TE Part #5-170063-3
CLUSTER BLOCK REC W/BACK UP

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 Specifications

Application Specification

English



Instruction Sheets

Instruction Sheet (non U.S.)

English

AMP 2.5 SIGNAL DOUBLE LOCK CONNECTOR SERIES

English

Agency Approvals

UL Report

English