316090-1 ✔ ACTIVE

AMP Signal Double Lock

TE Internal #: 316090-1

Housing, Plug, Wire-to-Wire, 6 Position, .098 in [2.5 mm] Centerline, Crimp, 1 Row, Natural, 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 Cap

Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **6**

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

All STD Temp Signal Double Lock Cap (21)

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	6
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC

Body Features

Primary Product Color	Natural

Contact Features

Contact Layout	Inline
Contact Type	Tab
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Wire & Cable	Crimp

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	Nylon 66
Centerline (Pitch)	2.5 mm[.098 in]

Dimensions

Connector Length	18.1 mm[.713 in]
Connector Height	9.6 mm[.378 in]
Wire Size	26 - 20 AWG

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Industry Standards

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

Packaging Features

Packaging Quantity	150

Packaging Method	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: JAN 2024 (240) 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 applicable for solder process capability

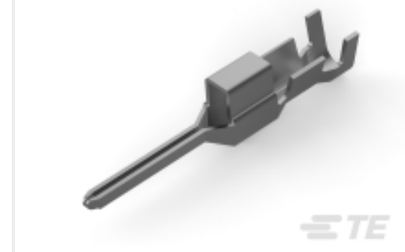
Product Compliance Disclaimer

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

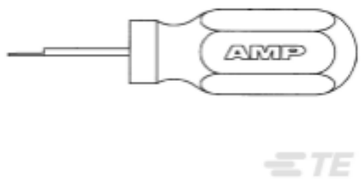
TE Part # CAT-SI261-P729
STD Temp Signal Double Lock Plug

TE Part # CAT-SI261-T111
Signal Double Lock Tab



TE Part # 316398-1
2.5 SIGNAL D/L TAB CONT. L L/P

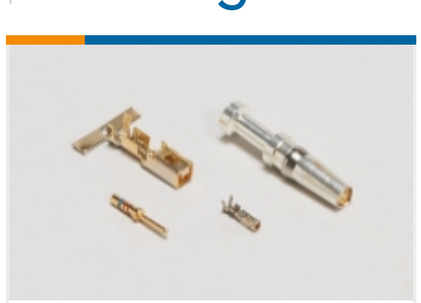
TE Part # 316399-1
2.5 SIGNAL D/L TAB CONT. M L/P



TE Part # 234605-1
EXT-TOOL

Also in the Series | AMP Signal Double Lock

Connector Caps & Covers(1)

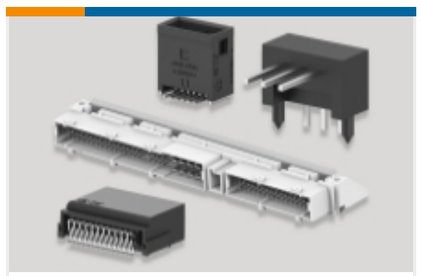


Connector Contacts(14)

Connector Hardware(19)

Connector Seals & Cavity Plugs(10)

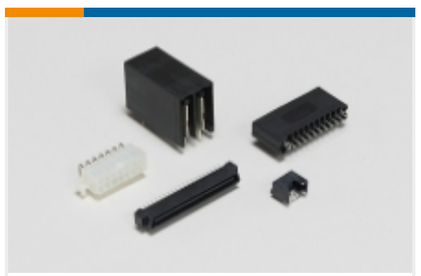
Insertion & Extraction Tools(1)



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 # 917687-1
STD Temp Signal Double Lock Plug

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

TE Part # 917704-1
2.5 SIGNAL DBL LOCK D.L.P. 8P

Documents

Product Drawings

2.5 SIGNAL D/LOCK CAP HSG 6P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_316090-1_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_316090-1_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_316090-1_H.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof 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

CSA Certificate

English

CSA Certificate

English