



AMP Signal Double Lock

TE Internal #: 2108505-1
Housing, Receptacle, Wire-to-Wire, 18 Position, 2.5 mm [.098 in]
Centerline, Crimp, 2 Row, Natural, 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 Cap



Connector Product Type: **Housing**
Connector & Housing Type: **Receptacle**
Connector System: **Wire-to-Wire**
Number of Positions: **18**
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	Receptacle
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 VDC
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Body Features

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Primary Product Color	Natural
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Contact Features

Contact Type	Tab
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	Without
Mating Retention Type	Latch
PCB Mount Retention	Without
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 Height	14 mm[.551 in]
Connector Length	34.6 mm
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

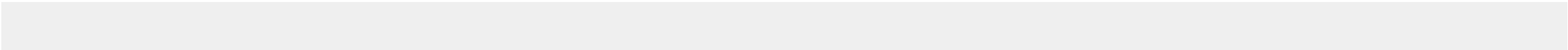
UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Bag
Packaging Quantity	300

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 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



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



TE Part # CAT-SI261-C1701
STD Temp Signal Double Lock Cap

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 Power Connectors(1)	Wire-to-Board Headers & Receptacles (146)

Customers Also Bought

TE Part #917701-1 2.5 SIGNAL DBL LOCK DLP 5P	TE Part #1-1743165-5 250 HSG. PL EX REC. 12mm 2P YELLOW	TE Part #CAT-SI261-P729 STD Temp Signal Double Lock Plug	TE Part #63895-1 GROUND CLIP 14-18AWG ST
TE Part #917706-1 2.5 SIGNAL DBL LOCK DLP 10P	TE Part #316088-1 2.5 SIGNAL D/LOCK CAP HSG 4P	TE Part #917765-1 2.5 SIGNAL D/LOCK TAB CONT. M	TE Part #171370-5 CLUSTER BLOCK HSG PBT

Documents

Product Drawings
2.5 SDL 18P CAP HSG 2ROW

English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2108505-1_E.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_2108505-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2108505-1_E.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[Agency Approval Document](#)

English