



Automotive Parts > Automotive Connectors > Automotive Housings > 48V Ready 6.3mm Sealed Connectors



Number of Positions: 4

Connector & Housing Type: **Housing for Female Terminals**

Mating Tab Width: **6.3 mm [.248 in]**

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

Centerline (Pitch): **9 mm [.354 in]**

[All 48V Ready 6.3mm Sealed Connectors \(6\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Primary Locking Feature	On the Terminal
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	4
Number of Rows	1

Electrical Characteristics

Operating Voltage	60 VDC
Nominal Voltage Architecture	12 V, 24 V, 42 V, 60 V

Body Features

Cable Exit Angle	180°, 90°
Primary Product Color	Black



Connector & Keying Code	A
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Contact Features

Contact Size	6.3mm
Contact Type	Receptacle
Mating Tab Width	6.3 mm[.248 in]
Contact Current Rating (Max)	40 A

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF30
Centerline (Pitch)	9 mm[.354 in]

Dimensions

Product Width	25.7 mm[1.012 in]
Product Length	67.2 mm[2.646 in]
Connector Height	31.25 mm[1.23 in]

Usage Conditions

Operating Temperature (Max)	140 °C[284 °F]
Operating Temperature Range	-40 – 140 °C[-40 – 284 °F]

Operation/Application

Circuit Application	Power
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Industry Standards

IP Rating	IP67
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Box
Packaging Quantity	230

Other

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Serviceable	Yes
Connector Position Assurance Capable	No

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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



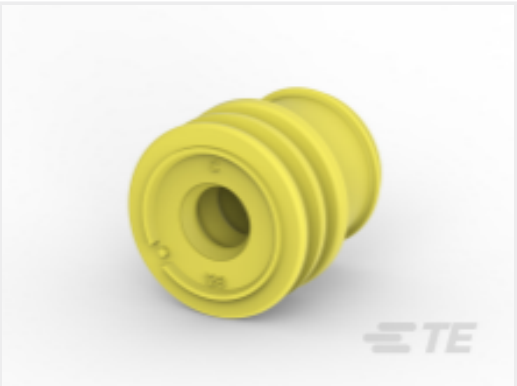
TE Part # 3-1579018-8
UNLOCK TOOL



TE Part # CAT-AM705-T273
AMP MCP, RECEPTACLE AND TAB



TE Part # 2112303-1
PROTECTION CAP, FOR REC.HSG GROUP E



TE Part # 963245-1
EINZELLEIT-DICHTUNG



TE Part # 1-1564536-1
4POS,TAB5.8X0.8,TABHSG,ASSY,SLD



TE Part # 1-1564534-1
4POS,TAB 5.8X0.8,TAB HSG,ASSY



TE Part # CAT-H3399-B128
Heavy Duty Sealed Connector Series
Backshells

Also in the Series | Heavy Duty Sealed Connector Series



Automotive Headers(1)



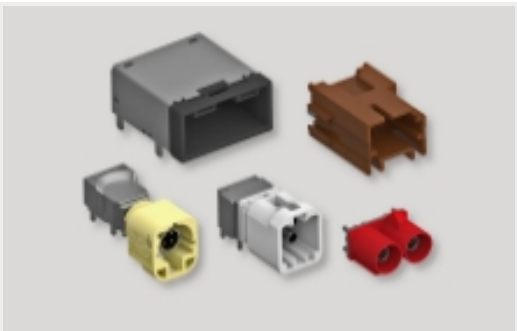
Automotive Housings(215)



Automotive Seals & Cavity Plugs(5)



Connector Seals & Cavity Plugs(5)



Data Connectivity Headers(18)



Other Automotive Connector
Accessories(36)

Customers Also Bought



TE Part #CAT-T4827-T273
TIMER, RECEPTACLE AND TAB



TE Part #1241412-1
AMP MCP 6.3/4.8K, CONTACT, SWS



TE Part #1394511-1
EINZELLEITDICHTG,WS



TE Part #CAT-H3399-CH8172
Heavy Duty Sealed Connector Series
Housings



TE Part #CAT-N73-RA6348
48V Ready 6.3mm Sealed Connectors



TE Part #2-1564536-1
4POS,TAB5.8X0.8,TABHSG,ASSY,
COD. B



TE Part #1670865-1
COVER,90



Documents

Product Drawings

4POS,AMP MCP6.3/4.8K,REC HSG,ASSY

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-1564330-1_J.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1564330-1_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1564330-1_J.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

Heavy Duty Sealed Connector Series

English

HDSCS Catalog

English

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English