



Connectors > Automotive Connectors > Automotive Housings



Number of Positions: 5

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

Centerline (Pitch): **6.3 mm [.24 in]**

Sealable: **Yes**

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

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Sealable	Yes
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	5
Number of Rows	2

Electrical Characteristics

Operating Voltage	850 VDC
Nominal Voltage Architecture	12 V, 24 V, 42 V, 48 V, 80 V, 90 V, 125 V, 240 V, 500 V, 550 V, 600 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Black



Connector & Keying Code	A
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Contact Features

Contact Size	4.8K, 6.3mm
Contact Type	Tab
Mating Tab Width	6.3 mm[.248 in]

Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	With
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA GF
Centerline (Pitch)	6.3 mm[.24 in]

Dimensions

Connector Height	39.3 mm[1.54 in]
Product Width	63.5 mm[2.5 in]
Product Length	73.2 mm[2.88 in]
Row-to-Row Spacing	6.3 mm[.248 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C, 140 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F]
Operating Temperature Range	-40 – 140 °C[-40 – 284 °F]

Operation/Application

Circuit Application	Power
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Industry Standards

Degree of Protection	IP4K9K
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Packaging Features

Packaging Quantity	84
Packaging Method	Box



Other

Serviceable	No
Connector Position Assurance Capable	Yes

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 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



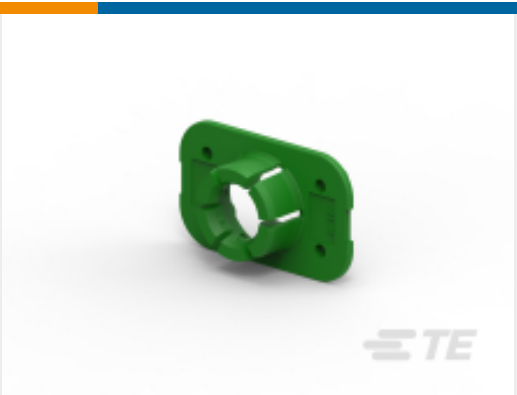
TE Part # 2-1241408-3
AMP MCP 6.3/4.8K, CONTACT



TE Part # 2141614-2
COVER, CABLE SEAL



TE Part # 2141612-3
RADIAL SEAL 25 X 43, CABLE SEAL, GN



TE Part # 2141613-3
CARRIER, SEAL,GN



TE Part # 2141616-1
SHIELDING, 5+2 POS HV CONN



TE Part # 2-2282265-5
5POS,HVA,630,PIGTAIL,HYB ASSY



TE Part # 2141612-2
RADIAL SEAL 25 X 43, CABLE SEAL, YW



TE Part # 2141612-4
RADIAL SEAL 25 X 43, CABLE SEAL,RD



TE Part # 2141612-5
RADIAL SEAL,25X43,CABLE SEAL,BN



TE Part # 2141612-6
RADIAL SEAL,25X43,CABLE SEAL, BL



TE Part # 2141613-2
CARRIER, SEAL,YW



TE Part # 2141613-4
CARRIER, SEAL,RD



TE Part # 2141613-5
CARRIER,SEAL,BN



TE Part # 2141613-6
CARRIER,SEAL,BL



TE Part # 2141614-3
COVER, CABLE SEAL



TE Part # 2141614-4
COVER, CABLE SEAL



TE Part # 2141614-5
COVER,CABLE SEAL



TE Part # 2141614-6
COVER,CABLE SEAL



TE Part # 2141630-1
5POS,HVA630,REC HSG ASSY, 180DEG,HVIL

Also in the Series | **HVA 630**



Automotive Connector Caps & Covers
(10)



Automotive Connector EMC Shielding
(3)



Automotive Housings(17)



Connector Seals & Cavity Plugs(7)



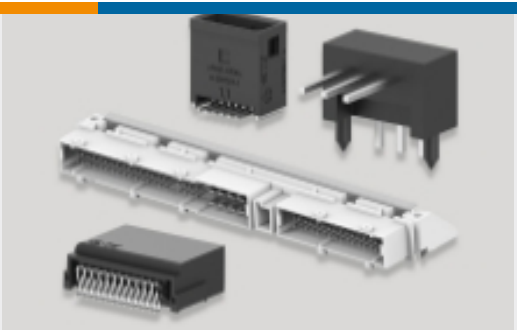
Electric, Hybrid & Fuel Cell Cable Assemblies(18)



High Voltage Wire Processing Equipment(13)



Other Automotive Connector Accessories(3)



PCB Headers & Receptacles(2)

Customers Also Bought



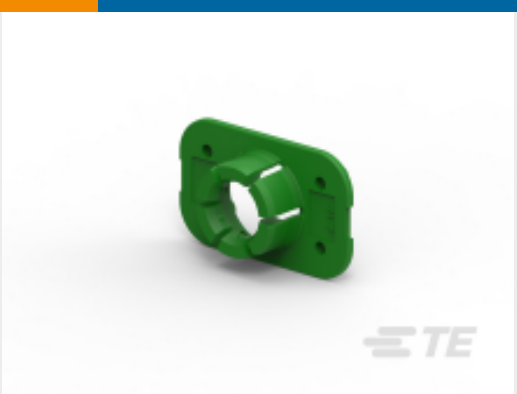
TE Part #2141159-1
FINGER PROT CAP 8MM HV,90DEG



TE Part #2177090-1
STEEL,OUTER FERRULE,8MM HV, 50SQMM



TE Part #839158-000
SO63-5-55-20-90



TE Part #2141613-3
CARRIER, SEAL,GN



TE Part #3-2177380-1
RING TONGUE, CONTACT



TE Part #1-2141261-1
SHIELD CRIMP FERRULE,INNER



TE Part #1-2141617-1
SHIELD CRIMP FERRULE



TE Part #2-2310537-1
PLUG ASSY, KEY A, CPA, HVA280-2PHI, HB



TE Part #2141613-4
CARRIER, SEAL,RD



TE Part #2141614-4
COVER, CABLE SEAL

Documents

Product Drawings
5POS,AMP MCP6.3/4.8K,REC HSG,A
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2141608-4_F.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_2141608-4_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2141608-4_F.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English