

2141259-1 ✓ ACTIVE

HVA 630

TE Internal #: 2141259-1

Housing for Male Terminals, 2 Position, .37 in [9.4 mm] Centerline, Sealable, Black, Power, Cable Mount (Free-Hanging), HVA 630

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings



Number of Positions: 2

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

Centerline (Pitch): 9.4 mm [.37 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	2
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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



Contact Features

Contact Size	1.2mm, 4.8mm, 6.3mm
Contact Type	Tab
Mating Tab Width	6.3 mm[.248 in]

Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	Without
Mating Alignment Type	Polarized
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA GF
Centerline (Pitch)	9.4 mm[.37 in]

Dimensions

Connector Height	21.28 mm[.837 in]
Product Width	19.79 mm[.779 in]
Product Length	40.5 mm[1.59 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	400
Packaging Method	Box

Other

Serviceable	No
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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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

 <p>TE Part # 1-2282291-5 2POS,HVA,630-2PHM PIGTAIL,HYB ASSY</p>	 <p>TE Part # 2141256-1 2POS,AMP MCP6.3/4.8K,REC HSG, ASSY</p>	 <p>TE Part # 2141256-6 2POS,AMP MCP6.3/4.8K,REC HSG, ASSY,CODF</p>	 <p>TE Part # 9-2141264-2 SINGLE WIRE SEAL,AMP MCP6.3/4.8K</p>
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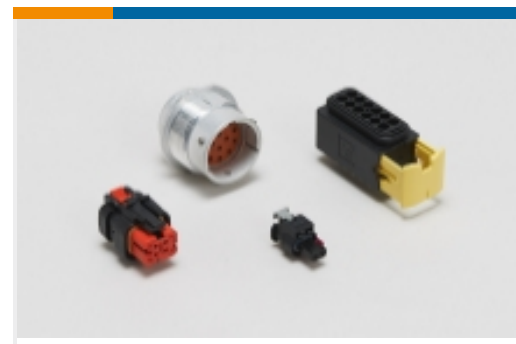
Also in the Series | **HVA 630**



Automotive Connector Caps & Covers (9)



Automotive Connector EMC Shielding (2)



Automotive Housings(13)



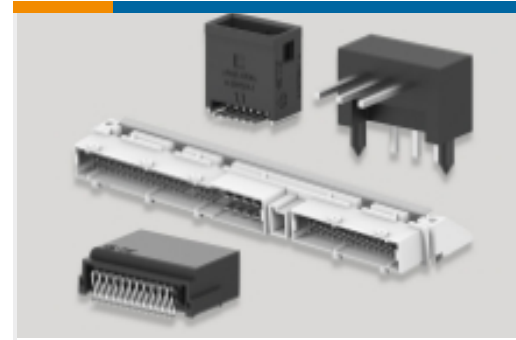
Connector Seals & Cavity Plugs(7)



High Voltage Wire Processing Equipment(14)



Other Automotive Connector Accessories(3)



PCB Headers & Receptacles(1)

Customers Also Bought



TE Part #2141155-1
PROTEC. COVER 8MM HV,90DEG



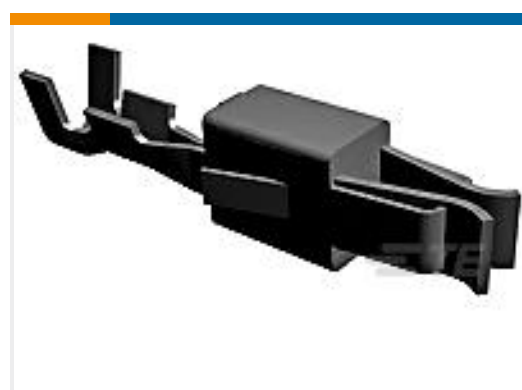
TE Part #2177059-1
PROTECTION CAP,180DEG



TE Part #2177058-1
INSULATION INSERT,180DEG



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



TE Part #927771-3
JPT REC 2.8 Contact SRC Sn



TE Part #2103154-1
CABLE SEAL, SIZE 1, HVA280



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



TE Part #1-2141617-1
SHIELD CRIMP FERRULE



TE Part #1-2177063-2
3POS, 8MM HV, PLUG HSG, ASSY,
SEALED



TE Part #2177061-2
SHIELD CRIMP FERRULE, 180DEG

Documents



Product Drawings

[2POS, MIXED, REC HSG, ASSY](#)

English

[2POS, MIXED, REC HSG, ASSY](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2141259-1_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2141259-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2141259-1_C.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English