2141259-1 ✔ ACTIVE

HVA 630

TE Internal #: 2141259-1

Housing for Male Terminals, 2 Position, 9.4 mm [.37 in] 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

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

Industry Standards

Degree of Protection	IP4K9K

Packaging Features

Packaging Quantity	400
Packaging Method	Box

Other

Serviceable	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: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Low Bromine/Chlorine - Br and Cl < 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

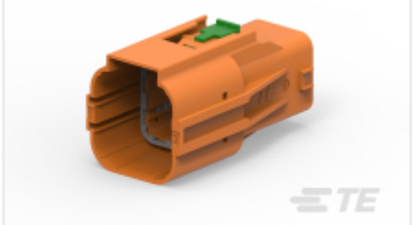
Compatible Parts



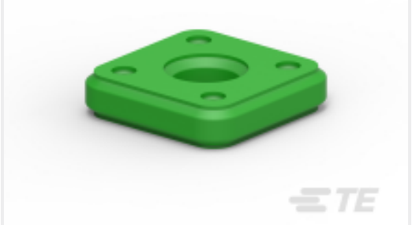
TE Part # 1-2282291-5
2POS,HVA,630-2PHM PIGTAIL,HYB ASSY



TE Part # 2141256-1
2POS,AMP MCP6.3/4.8K,REC HSG, ASSY



TE Part # 2141256-6
2POS,AMP MCP6.3/4.8K,REC HSG, ASSY,CODF



TE Part # 9-2141264-2
SINGLE WIRE SEAL,AMP MCP6.3/4.8K

Also in the Series | HVA 630



Automotive Connector Caps & Covers (9)



Automotive Connector EMC Shielding (3)



Automotive Housings(16)



Connector Seals & Cavity Plugs(7)



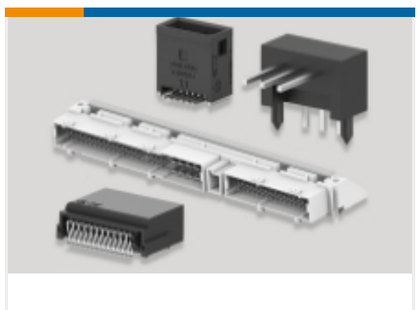
Electric, Hybrid & Fuel Cell Cable Assemblies(18)



High Voltage Wire Processing Equipment(13)



Other Automotive Connector Accessories(3)



PCB Headers & Receptacles(2)

Customers Also Bought



TE Part #4-2103177-5
PLUG ASSY, KEY E, FA,CPA, HVA280-2PHI XE



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



TE Part #2177059-1
PROTECTION CAP,180DEG



TE Part #2141262-3
SHIELDING,EMC



TE Part #1-2141256-1
2POS,AMP MCP6.3/4.8K,REC HSG, COD.A,ASSY



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



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



TE Part #2141256-1
2POS,AMP MCP6.3/4.8K,REC HSG, ASSY



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



TE Part #184008-1
2 POS. PLUG ASSY, KEY E, BLACK

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

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

English

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

1969656-1 1-794222-0 141991-2 175977-2 1903112-2 TE50BR39J 1393431-1 2310537-1 CRGCQ2010J3K3 1743455-2 2-292161-3 2005330-1 2377783-2 CPF0402B37K4E1 SBCHE64R7K 2380312-2 3631B101LL U5254-000005-030PA 1-962915-1 3430B2F51RTDF 650075-000 936348-1 MPT100C18RF RH73H2A40MKTN SMW73R0JT 2834055-1 3-1393225-0 917696-1 ROX05SJ18R SBCHE154R7K