2843102-2 ✔ ACTIVE

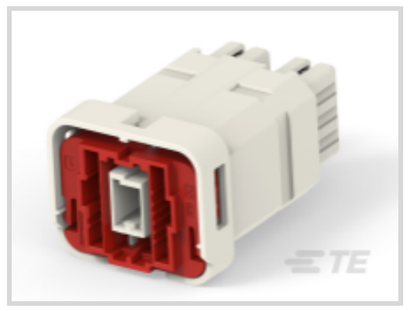
HC-STAK | HC-STAK 25

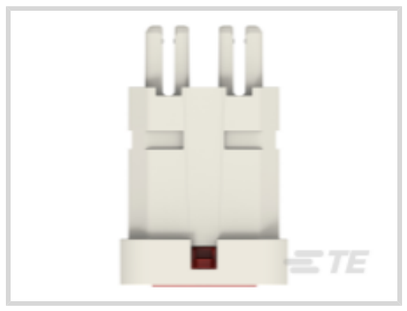
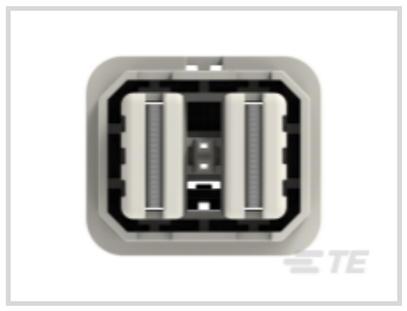
TE Internal #: 2843102-2

Vertical, Wire-to-Board, 40 Position, 2 Row, Silver (Ag), Printed Circuit Board, Signal, Natural, HC-STAK 25

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Headers




PCB Mount Orientation: **Vertical**

Termination Method to PCB: **Through Hole - Solder**

Sealable: **No**

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

Number of Positions: **40**

Features

Product Type Features

Mixed & Hybrid Header	No
Header Type	Fully Shrouded
Connector Product Type	Housing Assembly
Sealable	No
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	40
Number of Rows	2

Body Features

Primary Product Color	Natural

Contact Features

Contact Type	Hermaphroditic

Contact Mating Area Plating Material	Silver (Ag)

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	Without

Usage Conditions

Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Circuit Application	Signal

Packaging Features

Packaging Method	Package

Product Compliance

For compliance documentation, visit the product page on TE.com>

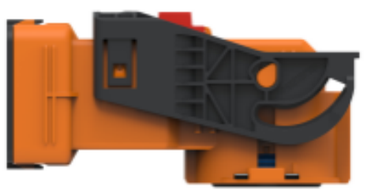
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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

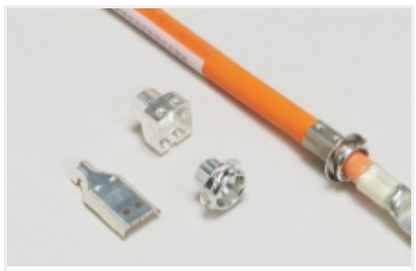
numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the 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 # 1-2843111-1
PLG SUB-ASSY, HC-STAK25 XE-2PXI 090, A

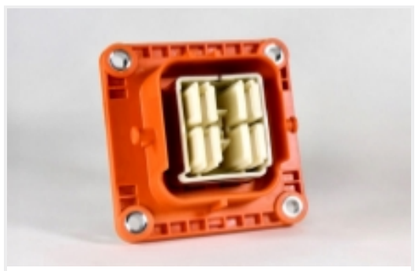
Also in the Series | HC-STAK 25



Automotive Connector EMC Shielding (4)



Automotive E-Mobility Connector Housings(1)



Automotive E-Mobility Headers(2)



Automotive Housings(1)

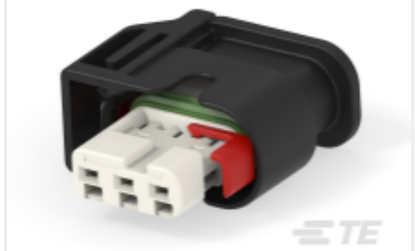


Connector Seals & Cavity Plugs(4)



Other Automotive Connector Accessories(7)

Customers Also Bought



TE Part #1488992-6
3POS, MCON 1.2 CB REC 2p SL SEALED



TE Part #2035363-6
1X6 GENERATION Y ASSY KEYD CPA



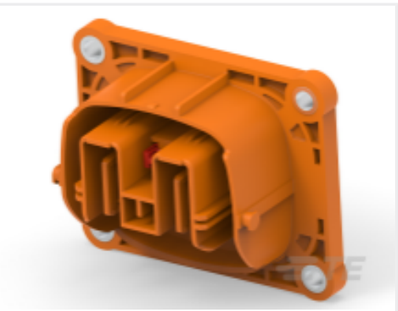
TE Part #2103149-2
PLUG, HVIL ONLY, KEY B, HVA280-2PHI



TE Part #2103149-4
PLUG, HVIL ONLY, KEY D, HVA280-2PHI



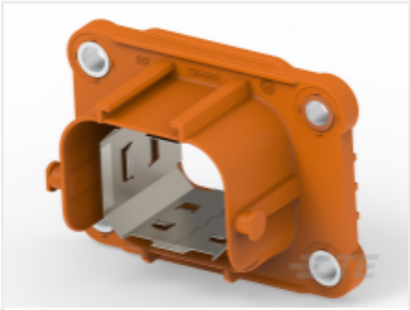
TE Part #2103247-6
SPLIT HEADER ASSY, KEY F, HVA280



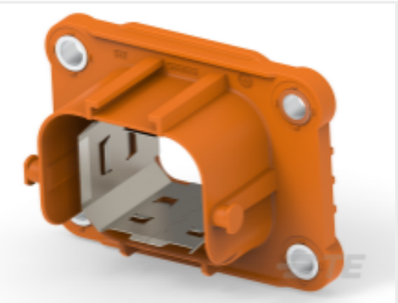
TE Part #2340465-1
2POS,PCON21,HDR OUTER HSG ASSY,COD A

TE Part #2411977-1
COVER,CSJ1800 HEADER 2WAY

TE Part #2452885-1
2POS,HYBRID,HDR ASSY,180DEG, COD 1



TE Part #2843101-1
OUTER HSG ASSY, HC-STAK25 XE, HDR, A



TE Part #2843101-2
OUTER HSG ASSY, HC-STAK25 XE, HDR, B

Documents

Product Drawings

INR HSG ASSY, HC-STAK25 XE, HDR, NO HVIL

English

CAD Files

Customer View Model

ENG_CVM_CVM_2843102-2_A1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2843102-2_A1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2843102-2_A1.3d_igs.zip

English

3D PDF

3D

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

Product Specifications

Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English