



MCON Interconnection System

TE Internal #: 2098641-1

Housing for Female Terminals, Wire-to-Device / Wire-to-Board, 2 Position, .157 in [4 mm] Centerline, Sealable, Black, MCON Interconnection System

[View on TE.com >](#)

Connectors > Automotive Connectors > Connector Housings > MCON, CONNECTOR HOUSING



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

Mating Tab Width: **1.2 mm [.047 in]**

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

Number of Positions: **2**

Centerline (Pitch): **4 mm [.157 in]**

[All MCON, CONNECTOR HOUSING \(283\)](#)

Features

Product Type Features

| | |
|---------------------------|-------------------------------|
| Connector & Housing Shape | Rectangular |
| Connector & Housing Type | Housing for Female Terminals |
| Connector System | Wire-to-Board, Wire-to-Device |
| Sealable | Yes |
| Hybrid Connector | No |
| Primary Locking Feature | Integrated in Housing |

Configuration Features

| | |
|---------------------|---|
| Number of Positions | 2 |
| Number of Rows | 1 |

Body Features

| | |
|-----------------------|-------|
| Body Material | PA GF |
| Primary Product Color | Black |
| Connector Code | A |

Contact Features

| | |
|------------------|-----------------|
| Contact Size | 1.2mm |
| Contact Type | Receptacle |
| Mating Tab Width | 1.2 mm[.047 in] |



Mechanical Attachment

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

Housing Features

| | |
|--------------------|----------------|
| Centerline (Pitch) | 4 mm [.157 in] |
|--------------------|----------------|

Dimensions

| | |
|----------------|--------------------|
| Product Width | 26.5 mm [1.043 in] |
| Product Length | 19.9 mm [.783 in] |
| Product Height | 11.2 mm [.441 in] |

Usage Conditions

| | |
|-----------------------------|--|
| Operating Temperature (Max) | 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C, 140 °C, 145 °C, 150 °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][293 °F][302 °F] |
| Operating Temperature Range | -40 – 150 °C [-40 – 302 °F] |

Operation/Application

| | |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Industry Standards

| | |
|----------------------|------|
| Degree of Protection | IP67 |
|----------------------|------|

Other

| | |
|--------------------------------------|-----|
| 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: JUNE 2022
(224)

Candidate List Declared Against: JAN 2022
(223)

SVHC > Threshold:
Not Yet Reviewed

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

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>

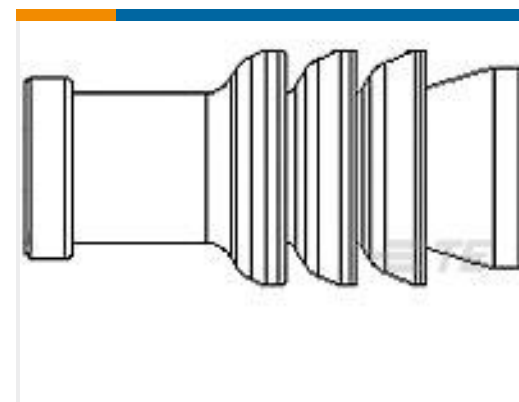
Compatible Parts



TE Part # CAT-M4595-T273
MCON, RECEPTACLE AND TAB



TE Part # 964972-1
EINZELLEITERDICHTUNG




TE Part # 967067-1
MQS SGL WIRE SEAL



TE Part # 2098582-1
WIRE SEAL, RUBBER, SENSOR, RED


Also in the Series | MCON Interconnection System



Automotive Connector Caps & Covers
(24)



Automotive Connector Locks & Position Assurance(11)



Automotive Housings(288)



Automotive Seals & Cavity Plugs(4)



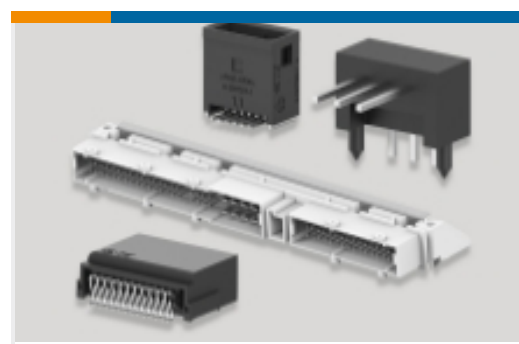
Automotive Terminals(113)



Insertion & Extraction Tools(31)



Other Automotive Connector Accessories(6)



PCB Headers & Receptacles(1)

Customers Also Bought



TE Part #2-2141600-2
TAB 2.8x0.8 CONTACT CF SRC Ag



TE Part #1418844-3
MCON 1.2 CB REC SWS AG



TE Part #1587828-2
INNER FERRULE, SIZE B, HVA280-2PI



TE Part #1587829-2
OUTER FERRULE, SIZE B, HVA280-2PI



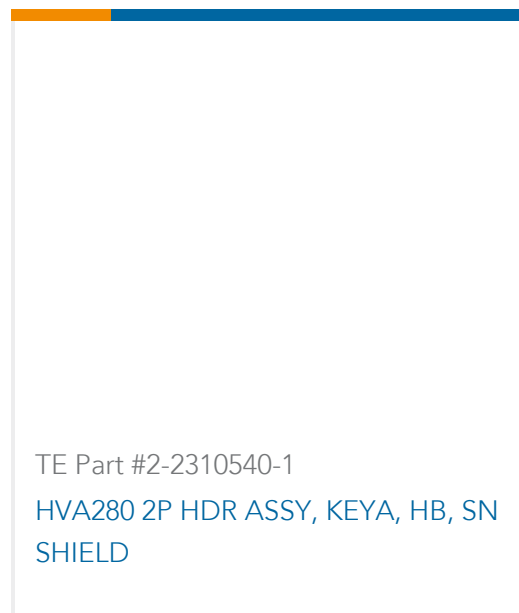
TE Part #1587530-2
CABLE SEAL HVA SIZE C-D



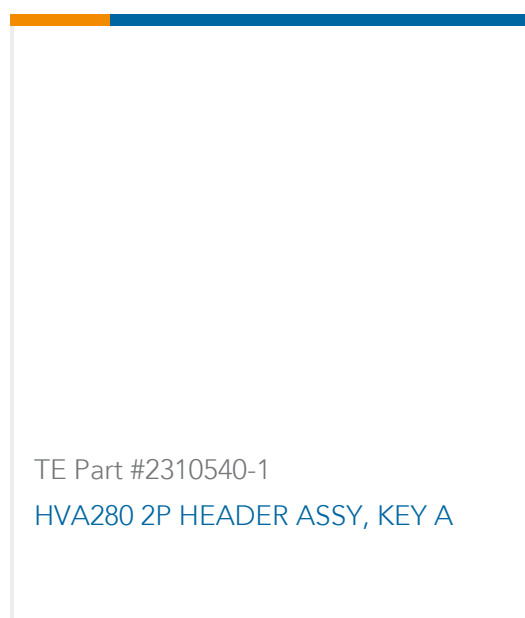
TE Part #1587940-2
CABLE SEAL RETAINER, SIZE B



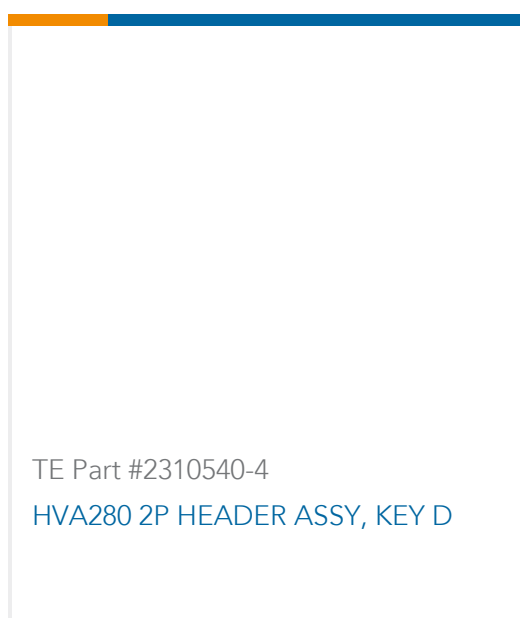
TE Part #2103191-1
CAP SUBASSY, KEY A, HVA280-2PHI



TE Part #2-2310540-1
HVA280 2P HDR ASSY, KEYA, HB, SN SHIELD



TE Part #2310540-1
HVA280 2P HEADER ASSY, KEY A



TE Part #2310540-4
HVA280 2P HEADER ASSY, KEY D

Documents

Product Drawings

[2POS, MCON 1.2 CB REC 2p SL SEALED](#)

English

CAD Files

[Customer View Model](#)

[ENG_CVM_CVM_2098641-1_B.2d_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_2098641-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2098641-1_B.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[MCON Interconnection System](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English