



Connectors > Automotive Connectors > Automotive Connector Accessories > Automotive Connector EMC Shielding



Connector Shielding Accessory Type: **Ferrule**

Primary Product Material: **Copper Alloy**

Features

Product Type Features

Sealable	No
Connector Shielding Accessory Type	Ferrule

Body Features

Primary Product Material	Copper Alloy
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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: JAN 2024 (240) 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

 TE Part # 1-2208103-3 2POS,HVA,2 PHM,SHUNTED,HYB ASSY	 TE Part # 4-2103015-5 PLUG SUBASSY, E, HVA280-2PHM F	 TE Part # 4-2103015-2 PLUG SUBASSY, B, HVA280-2PHM F	 TE Part # 2103169-2 OUTER HOUSING, CAP, KEY B, HVA280-2PHM
 TE Part # 4-2103015-4 PLUG SUBASSY, D, HVA280-2PHM F	 TE Part # 4-2103015-1 PLUG SUBASSY, A, HVA280-2PHM F	 TE Part # 2-2208103-3 2POS,HVA,2 PHM,SHUNTED,HYB ASSY	 TE Part # 1-1587715-0 Plug Subassy, FVMQ, Key B, HVA280-3PM
 TE Part # 1-2208103-1 2POS,HVA,2 PHM,SHUNTED,HYB ASSY	 TE Part # 1-2208103-4 2POS,HVA,2 PHM,SHUNTED,HYB ASSY	 TE Part # 1-2208103-6 2POS,HVA,2 PHM,SHUNTED,HYB ASSY	 TE Part # 2-2208103-1 2POS,HVA,2 PHM,SHUNTED,HYB ASSY
 TE Part # 2-2208103-2 2POS,HVA,2 PHM,SHUNTED,HYB ASSY	 TE Part # 2-2208103-6 2POS,HVA,2 PHM,SHUNTED,HYB ASSY	 TE Part # 2103169-1 OUTER HOUSING, CAP, KEY A, HVA280-2PHM	 TE Part # 2103169-4 OUTER HOUSING, CAP, KEY D, HVA280-2PHM





TE Part # 2103169-5
OUTER HOUSING, CAP, KEY E,
HVA280-2PHM



TE Part # 2103169-6
OUTER HOUSING, CAP, KEY F,
HVA280-2PHM



TE Part # 2103387-2
INNER HSG, PLUG, HVA280-2PHM,
PASS T



TE Part # 2103534-1
PLUG SUBASSY, A, HVA280

Also in the Series

HVA 280



Automotive Connector Caps & Covers
(5)



Automotive Connector EMC Shielding
(15)



Automotive Housings(70)



Connector Seals & Cavity Plugs(8)



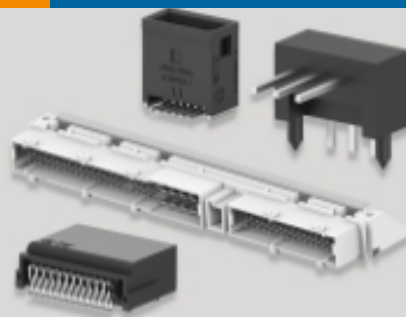
Electric, Hybrid & Fuel Cell Cable
Assemblies(21)



High Voltage Wire Processing
Equipment(7)



Other Automotive Connector
Accessories(39)



PCB Headers & Receptacles(32)

Customers Also Bought



TE Part # 1587724-3
OUTER FERRULE, SIZE C, HVA280



TE Part # 4-2103015-5
PLUG SUBASSY, E, HVA280-2PHM F



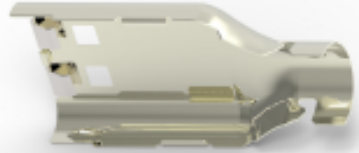
TE Part # 4-2103015-2
PLUG SUBASSY, B, HVA280-2PHM F



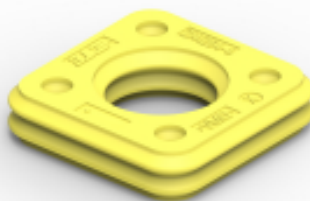
TE Part # 4-2103015-4
PLUG SUBASSY, D, HVA280-2PHM F



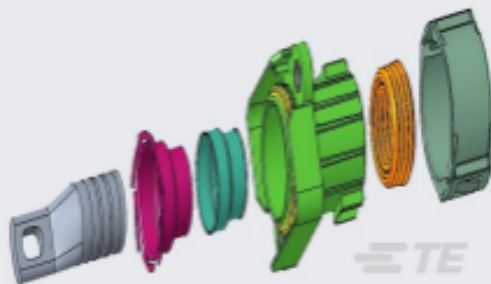
TE Part # 2141616-1
SHIELDING, 5+2 POS HV CONN



TE Part # 1-2103157-1
SHIELD, PLUG, SIZE 1, Ag, HVA280



TE Part # 2141264-4
SINGLE WIRE SEAL,AMP MCP6.3/4.8K



TE Part # YIPT-1PXI-70MM-000
IPT-1pxi 70sqmm



Documents

Product Drawings
INNER FERRULE, SIZE C, HVA280
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1587723-3_A_c-1587723-3-a.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1587723-3_A_c-1587723-3-a.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1587723-3_A_c-1587723-3-a.3d_stp.zip
English

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Product Specifications
Application Specification
English
Application Specification
English
Application Specification
English
Application Specification
English