

TE Internal #: 2310221-1

Other Automotive Connector Accessories, Ferrule, Copper Alloy,
Natural, -40 – 140 °C [-40 – 284 °F][View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Connector Accessories > Other Automotive Connector Accessories

Automotive Connector Accessory Type: **Ferrule**Primary Product Material: **Copper Alloy**Primary Product Color: **Natural**Operating Temperature Range: **-40 – 140 °C [-40 – 284 °F]**

Features

Product Type Features

Automotive Connector Accessory Type	Ferrule
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Body Features

Primary Product Material	Copper Alloy
Primary Product Color	Natural

Usage Conditions

Operating Temperature Range	-40 – 140 °C [-40 – 284 °F]
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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 2023 (233) Candidate List Declared Against: JAN 2023 (233) 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 # 2234157-1
DIE SET PCON 12-2P F 16MM2

Customers Also Bought



TE Part #K1146228
Relay 29-321-12B



TE Part #K1145444
Battery Disconnector 35-213-151-R-903



TE Part #2311753-2
2POS,PCON12,REC HSG ASSY,
180DEG,COD B



TE Part #2840876-2
FAMILY SEAL,PCON12,SIZE B



TE Part #2840877-2
SEAL RETAINER,2POS,PCON12,
CABLE, SIZE B



TE Part #2-2355198-1
HVP800 2P HEADER ASSY



TE Part #2374901-1
GEMnet HDR, ASSY, 1P, 90deg,COD A



TE Part #776315-2
68 POSITION PLUG ASSEMBLY

TE Part #2355203-1
HVP800 3P HEADER ASSYTE Part #2403323-1
2POS,PCON18,REC OUTER HSG
ASSY,180,A,W

Documents

Product Drawings

[CU ALLOY,INNER FERRULE,PCON12,2P](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2310221-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2310221-1_A.3d_jgs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2310221-1_A.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English