2203806-2 ✔ ACTIVE

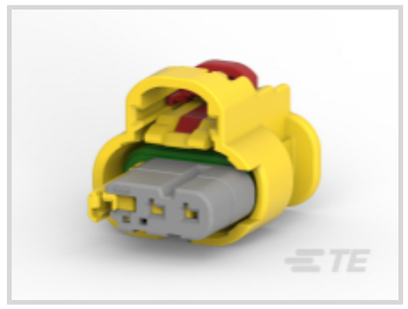
MCON | MCON Interconnection System

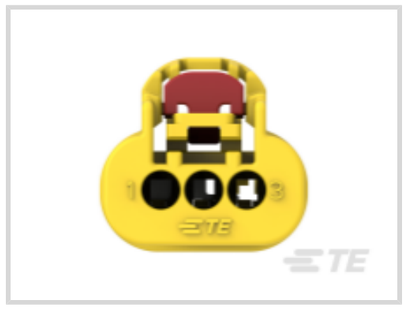
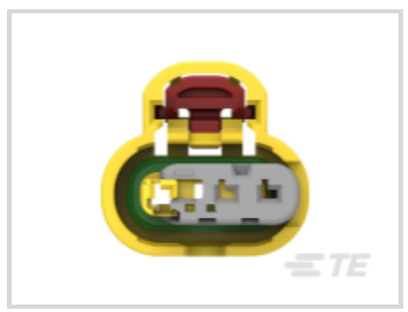
TE Internal #: 2203806-2

12 V / 24 V / 48 V, 3 Position, Automotive Housing for Female Terminals, Wire-to-Wire, 4 mm [.157 in] Centerline, MCON Interconnection System

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings > 48V Ready 1.2mm Sealed Connectors



Nominal Voltage Architecture: **12 V, 24 V, 48 V**

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

Number of Positions: **3**

Sealable: **Yes**

Number of Rows: **1**

All 48V Ready 1.2mm Sealed Connectors (145)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Primary Locking Feature	Clean Body
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	3
Number of Rows	1

Electrical Characteristics

Nominal Voltage Architecture	12 V, 24 V, 48 V

Body Features

Cable Exit Angle	180 °
Primary Product Color	Light Gray
Connector & Keying Code	B

Contact Features

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

Mechanical Attachment

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

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	4 mm[.157 in]

Dimensions

Product Width	26.5 mm[1.04 in]
Product Length	19.4 mm[.763 in]
Connector Height	18.05 mm[.71 in]

Operation/Application

Circuit Application	Power

Packaging Features

Packaging Quantity	1
Packaging Method	Bulk

Other

Serviceable	No
Connector Position Assurance Capable	Yes

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 # 964972-1
EINZELLEITERDICHTNG



TE Part # 2272164-1
MCON WIRE DRESS, 3P, STRAIGHT



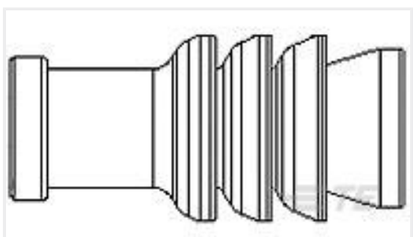
TE Part # CAT-M4595-T273
MCON Receptacle and Tab



TE Part # 2203772-2
Cap Ass'y, 3P Sealed, Key B

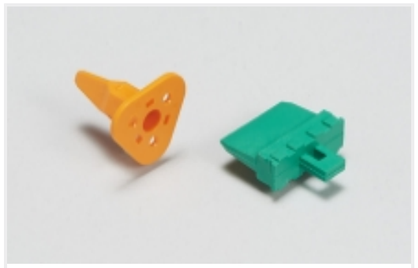


TE Part # 2272165-1
MCON WIRE DRESS, 3P, RIGHT ANGLE



TE Part # 967067-1
MQS SGL WIRE SEAL

Also in the Series | MCON Interconnection System



Automotive Connector Locks & Position Assurance(16)



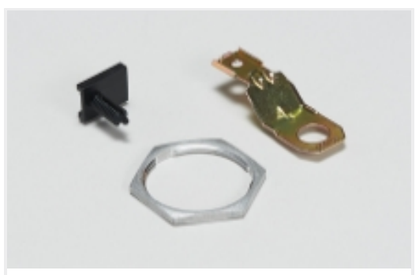
Automotive Housings(116)



Automotive Seals & Cavity Plugs(12)



Automotive Signal & Power Connector Housings(116)



Other Automotive Connector Accessories(1)

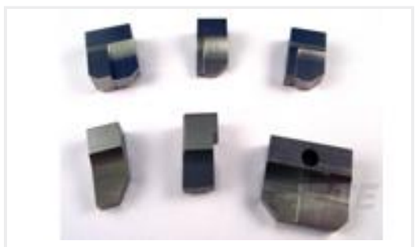
Customers Also Bought



TE Part #YHV280-2PM-P-4MM-B
HVA280-2phm,pass,4sqmm,Key B



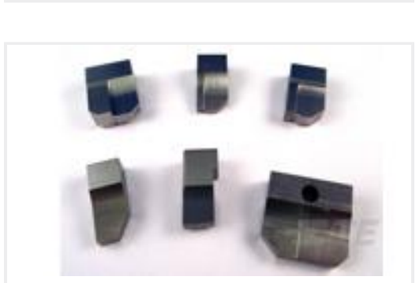
TE Part #2-330648-1
PIDG 22-16 22-18 MIL R 4; TAPE



TE Part #464291-5
ANVIL, SAND-BLASTED 12-10



TE Part #788189-2
CPC 17-3 RCPT ASY,REV SEX



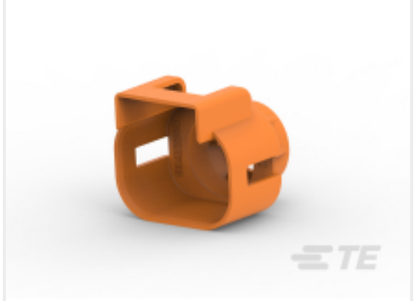
TE Part #4-1633932-0
ANVIL, COMBINATION



TE Part #1-1633961-2
CRIMPER, INSULATION F PREMIUM



TE Part #1587940-3
CABLE SEAL RETAINER, SIZE C



TE Part #2103013-3
CABLE SEAL RETAINER, SIZE 2, OR, HVA280



TE Part #2177090-3
STEEL,OUTER FERRULE,8MM HV, 25SQMM



TE Part #2208669-3
8MM HV, CONTACT,ASSY

Documents

Product Drawings

PLUG ASS'Y, 3P SEALED, KEY B, CPA

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2203806-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2203806-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2203806-2_A.3d_stp.zip

English

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

Instruction Sheets

Instruction Sheet (U.S.)

English