

2301239-1 ✓ ACTIVE

MCON Interconnection System

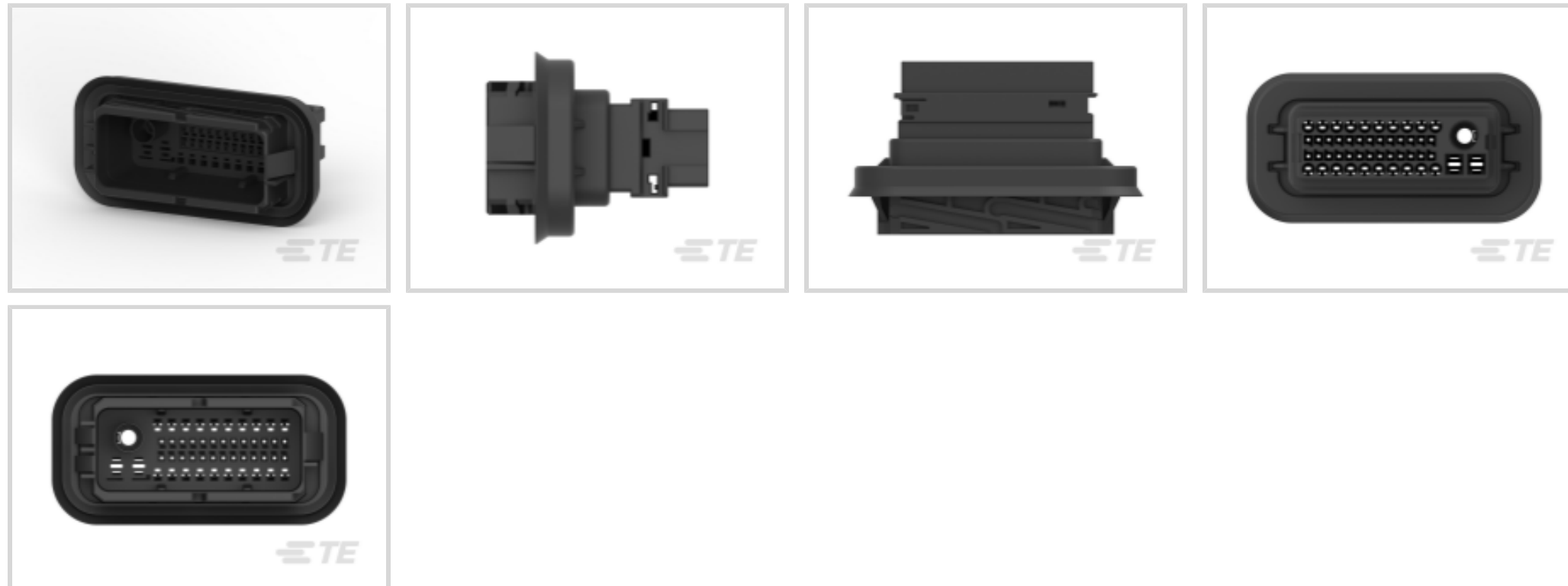
TE Internal #: 2301239-1

Housing for Male Terminals, Wire-to-Wire, 49 Position, Black, Wire & Cable, Panel Mount, -40 – 221 °F [-40 – 105 °C], MCON Interconnection System

[View on TE.com >](#)



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



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

Mating Tab Width: **.63 mm [.024 in]**

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

Number of Positions: **49**

Sealable: **No**

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

Features

Product Type Features

Connector & Housing Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	No
Hybrid Connector	Yes
Primary Locking Feature	Locking Lance
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	49
Number of Rows	4

Body Features

Body Material	PBT GF
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Primary Product Color	Black
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Contact Features

Contact Size	.5mm, .63mm, 1.2mm, 2.8mm
Contact Type	Tab
Mating Tab Width	.63 mm[.024 in]

Mechanical Attachment

Mounting Feature	With
Terminal Position Assurance	Yes
Mating Alignment Type	Polarization Slot
Mating Alignment	With
Connector Mounting Type	Panel Mount

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Other

Connector Position Assurance Capable	No
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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 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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 # 2-964296-1
TAB A 2.8x0.8 CONTACT CF SRC Sn



TE Part # 1718350-1
MCON 1.2 CB TAB STC SN



TE Part # 2301238-1
DTB PLUG HSG ASSY, 49POSN., FAKRA TYPE




TE Part # 2301241-1
RETAINER, TAB HSG., 49POSN.,

TE Part # 2294463-2
MCON 1.2 CB TAB MONO

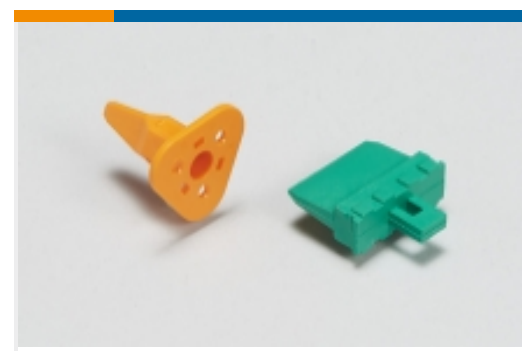
TE Part # 2294463-3
MCON 1.2 CB TAB MONO

TE Part # 2298002-1
SECONDARY LOCK, MQS/MCON1.2, DTB 50P

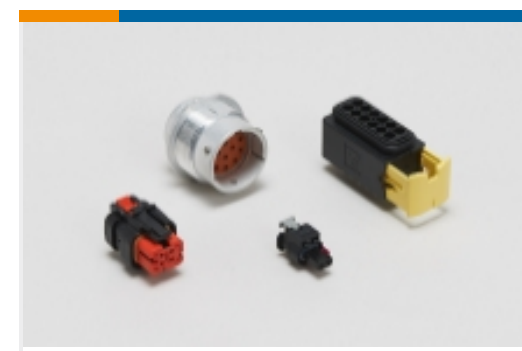
Also in the Series | MCON Interconnection System



Automotive Connector Caps & Covers (24)



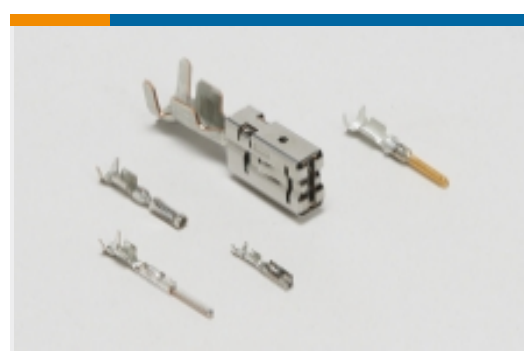
Automotive Connector Locks & Position Assurance(11)




Automotive Housings(288)




Automotive Seals & Cavity Plugs(4)



Automotive Terminals(113)



Insertion & Extraction Tools(31)

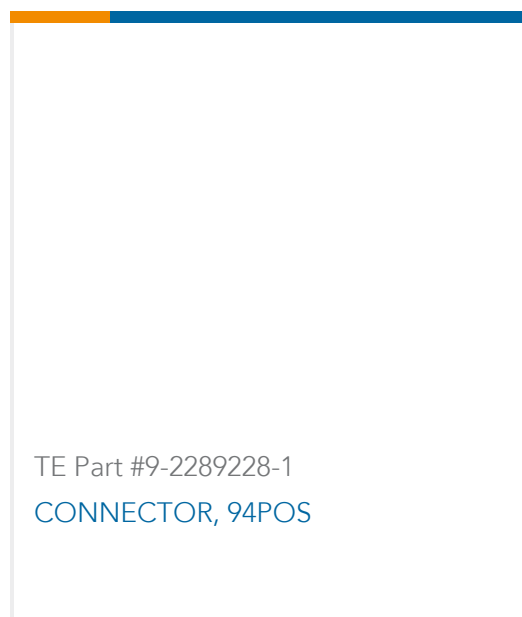
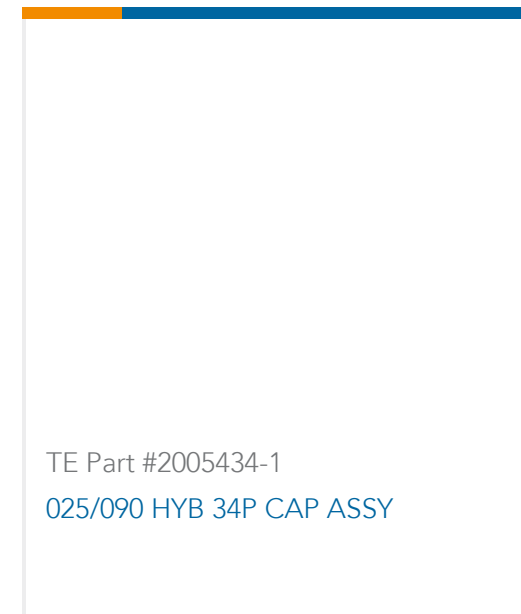
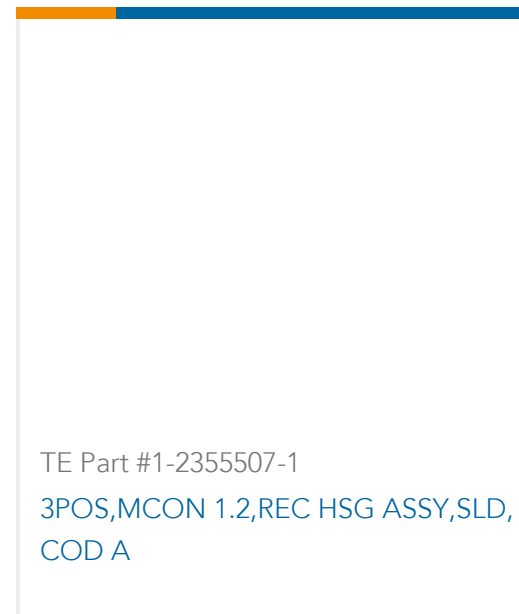
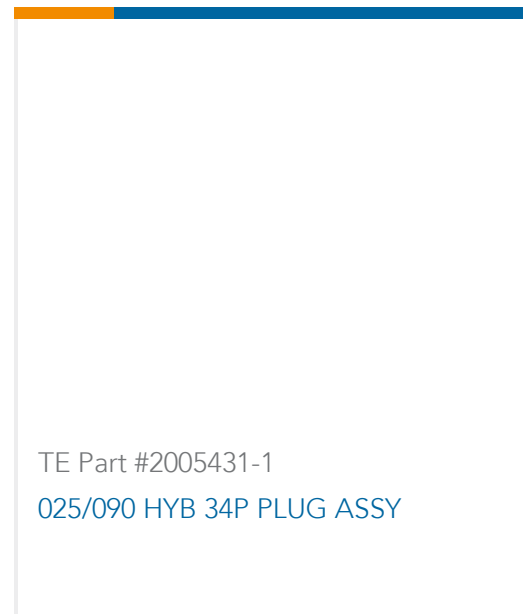
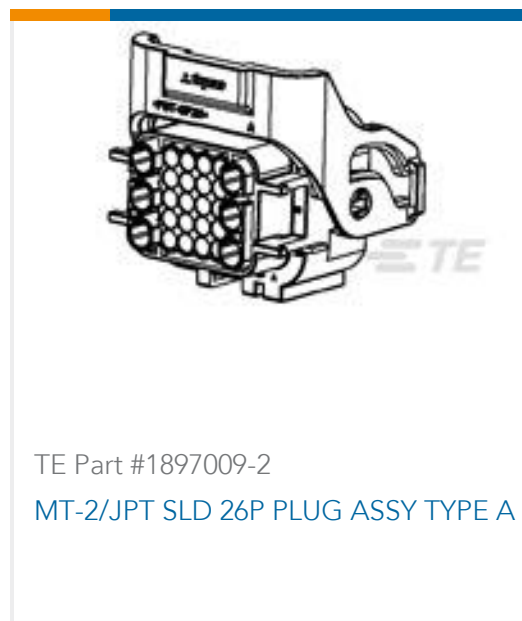


Other Automotive Connector Accessories(6)



PCB Headers & Receptacles(1)

Customers Also Bought



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2301239-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2301239-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2301239-1_A.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 Specifications

2301239-1

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[108-101436](#)

English