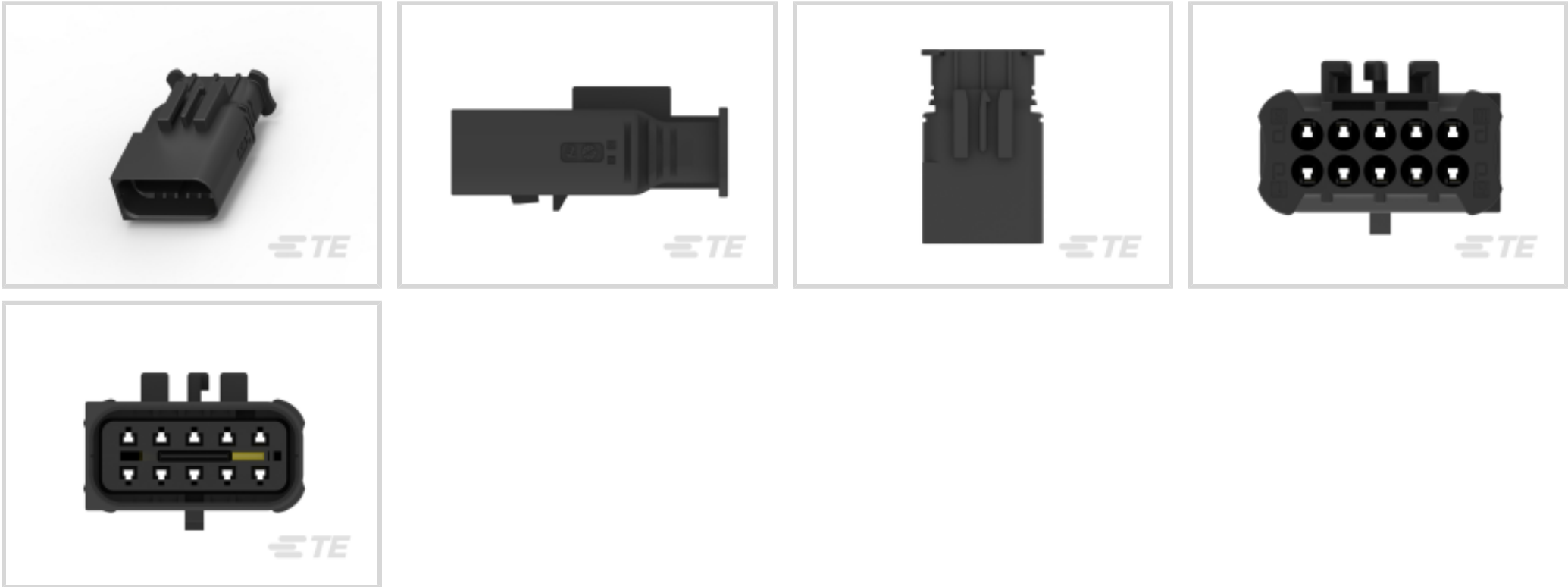




Connectors > Automotive Connectors > Automotive Housings



Number of Positions: 10

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

Mating Tab Width: 1.2 mm [.047 in]

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

Centerline (Pitch): 4.5 mm [.177 in]

Features

Industry Standards

IP Rating	IP69K, IP67
UL Flammability Rating	UL 94HB

Dimensions

Row-to-Row Spacing	4.5 mm[.177 in]
Product Width	47.6 mm[1.874 in]
Product Length	30.2 mm[1.189 in]
Connector Height	21.45 mm[.844 in]

Packaging Features

Packaging Quantity	900
Packaging Method	Box

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	Yes
Mating Alignment Type	Keyed



Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Other	
Serviceable	Yes
Connector Position Assurance Capable	No
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
Electrical Characteristics	
Operating Voltage	16 VDC
Nominal Voltage Architecture	16 V
Body Features	
Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	A
Housing Features	
Housing Material	PBT GF
Centerline (Pitch)	4.5 mm[.177 in]
Contact Features	
Contact Size	1.2mm
Contact Type	Tab
Mating Tab Width	1.2 mm[.047 in]
Contact Current Rating (Max)	6 A
Product Type Features	
Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Primary Locking Feature	On the Terminal
Connector & Contact Terminates To	Wire & Cable
Configuration Features	
Number of Positions	10



Number of Rows	2
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Usage Conditions

Operating Temperature (Max)	150 °C[302 °F]
Operating Temperature Range	-40 – 150 °C[-40 – 302 °F]

Operation/Application

Circuit Application	Power
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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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 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 # 8-1579018-5  
LOCKING TOOL



TE Part # CAT-N13-MSLRTT12  
MCON 1.2 Locking Lance Receptacle and Tab Terminals



TE Part # 1-1801607-6  
TAB MAIN HOUSING, MCON, 10 W, SEALED



TE Part # 1801600-1  
RECEPTACLE HOUSING, MCON, 10 W, SEALED




TE Part # 9-1579018-6  
LOCKING TOOL



TE Part # 963143-1  
MQS BLINDSTOPFEN

Also in the Series | MCON Interconnection System



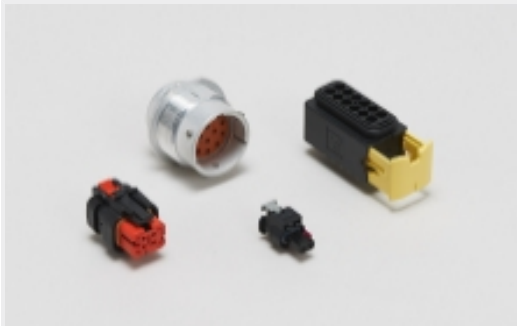
Automotive Connector Caps & Covers (36)




Automotive Connector Locks & Position Assurance(15)




Automotive Headers(4)




Automotive Housings(119)




Automotive Terminals(23)



Connector Seals & Cavity Plugs(8)



Insertion & Extraction Tools(31)



Other Automotive Connector Accessories(4)



PCB Headers & Receptacles(4)



Wire-to-Board Headers & Receptacles (2)

Customers Also Bought





TE Part #CAT-M8793-CH8172  
MQS, CONNECTOR HOUSING

TE Part #CAT-T319-CH8172  
TH/.025 CONNECTOR SYSTEM, HOUSING

TE Part #1379096-2  
COV+LEV MQS 12W 90DEG BLU

TE Part #1801606-4  
TAB HOUSING, MCON, 10 W, SEALED

TE Part #1379095-3  
COV+LEV MQS 12W 0DEG BLAC

TE Part #1379095-2  
COV+LEV MQS 12W 0DEG BLUE

TE Part #1801174-1  
2W TAB HP CONNECTOR BLACK

TE Part #1801175-1  
2W RECEPTACLE HP CONNECTOR BLACK

Documents

Product Drawings

TAB HOUSING, MCON, 10 W, SEALED

English

TAB HOUSING, MCON, 10 W, SEALED

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1801606-1\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1801606-1\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1801606-1\_A.3d\_stp.zip

English

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

Product Specifications

Product Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

1801606-1

10 Position Housing, Housing for Male Terminals, Wire-to-Wire, 4.5 mm [.177 in]  
Centerline, Sealable, Black, Wire & Cable, MCON Interconnection System

