

2272975-5 ✓ ACTIVE

## MCON Interconnection System

TE Internal #: 2272975-5

Housing for Female Terminals, Wire-to-Wire, 6 Position, .1 in [2.54 mm] Centerline, Sealable, Black, Signal, MCON Interconnection System

[View on TE.com >](#)



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



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

Mating Tab Width: **1.2 mm [ .047 in ]**

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

Number of Positions: **6**

Centerline (Pitch): **2.54 mm [ .1 in ]**

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

## Features

### Product Type Features

Connector & Housing Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	Integrated in Housing

### Configuration Features

Blank Cavity Position	6
Number of Positions	6
Number of Rows	1

### Body Features

Cable Exit Angle	90°
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Body Material	PA
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Primary Product Color	Black
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Connector Code	A
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### Contact Features

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

Mounting Feature	Without
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Terminal Position Assurance	No
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Strain Relief	Without
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Mating Alignment Type	Keyed
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Mating Alignment	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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### Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
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### Dimensions

Product Width	32.65 mm[1.28 in]
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Product Length	24.5 mm[.964 in]
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Product Height	18.3 mm[.72 in]
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### Operation/Application

Circuit Application	Signal
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### Packaging Features

Packaging Quantity	1
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Packaging Method	Bulk
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### Other

Serviceable	No
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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
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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 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 # CAT-M4595-T273  
MCON, RECEPTACLE AND TAB

TE Part # 2272976-1  
Left/Right Wire Dress

TE Part # 2272976-2  
Right Angle Wire Dress

TE Part # 2272976-3  
Right Angle Wire Dress

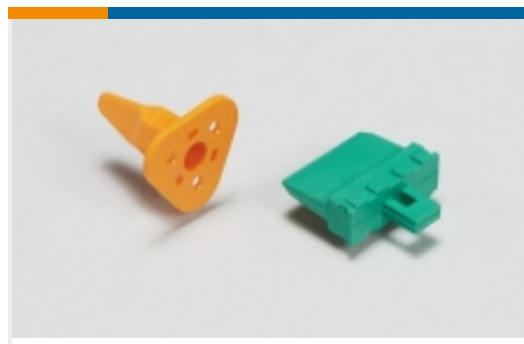
TE Part # 2272976-4  
Straight Wire Dress

TE Part # 2272976-5  
REC CONN CVR,6POS,MCON 1.2,180 DEG

### 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)



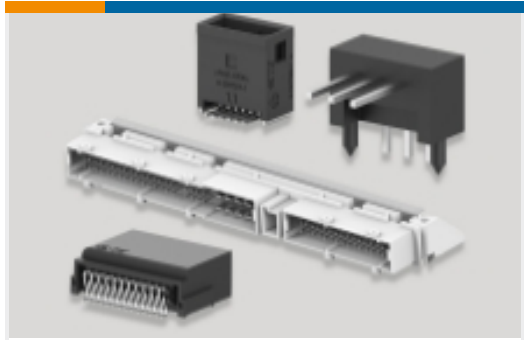
Automotive Terminals(113)



Insertion & Extraction Tools(31)



Other Automotive Connector Accessories(6)



PCB Headers & Receptacles(1)

## Customers Also Bought



TE Part #1924396-1  
14P MCON 1.2 SCCM Inner Housing



TE Part #2272431-1  
GET .64 CONNECTOR SYSTEM,  
CONNECTOR HSG



TE Part #2098067-2  
Plug Assembly, Hybrid, BCM, IP2, B  
Key



TE Part #2098067-1  
Plug Assembly, Hybrid, BCM, IP1, A  
Key



TE Part #2098067-7  
Plug Assembly, Hybrid, BCM, CL, G  
Key



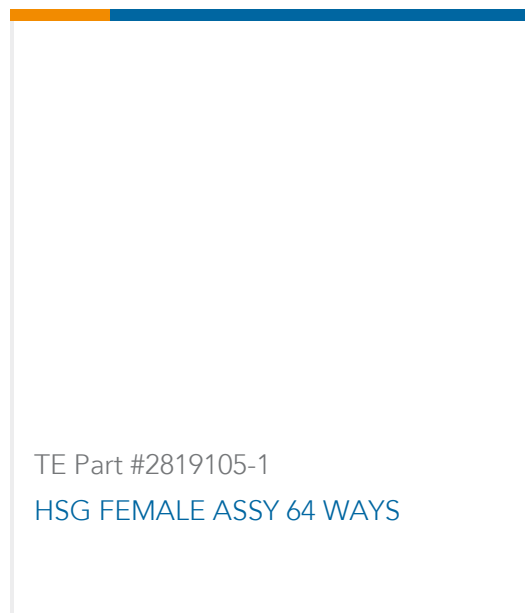
TE Part #2133662-1  
REC CONN CVR ASSY,64POS,MQS



TE Part #771113P005  
FL2500-NO.2-19-0-27MM



TE Part #1123653-1  
.040 3 UNSEALED CONT.REC MS



TE Part #2819105-1  
HSG FEMALE ASSY 64 WAYS

## Documents



### Product Drawings

#### 6 Pos. Sealed MCON 1.2 Connect

English

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### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2272975-5\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2272975-5\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2272975-5\\_A.3d\\_stp.zip](#)

English

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

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### Datasheets & Catalog Pages

#### MCON Interconnection System

English

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### Instruction Sheets

#### Instruction Sheet (U.S.)

English