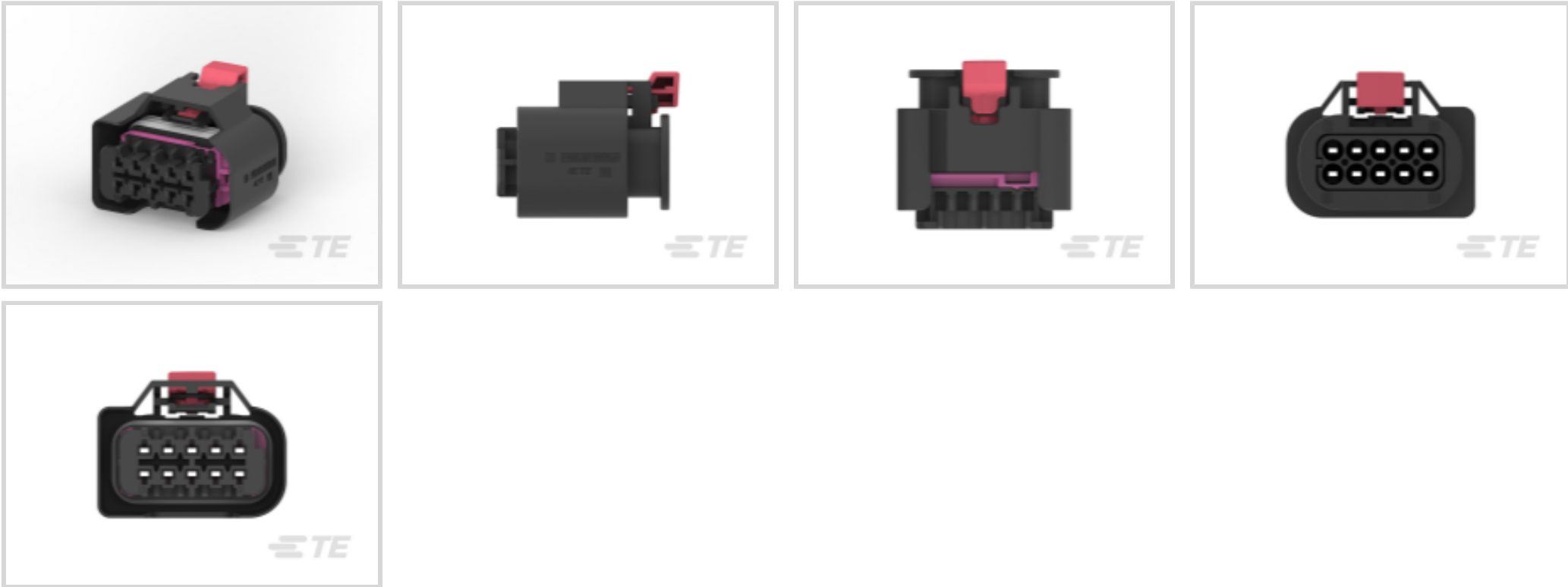




Connectors > Automotive Connectors > Automotive Housings



Number of Positions: 10

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

Mating Tab Width: 1.2 mm [.047 in]

Connector System: **Wire-to-Board, Wire-to-Wire**

Centerline (Pitch): 4 mm [.157 in]

Features

Industry Standards

| | |
|---|-------|
| IP Rating | IPX9K |
| Compatible With Agency/Standards Products | LV214 |

Dimensions

| | |
|--------------------|-------------------|
| Row-to-Row Spacing | 4 mm[.157 in] |
| Product Width | 29 mm[1.14 in] |
| Product Length | 31.8 mm[1.25 in] |
| Connector Height | 23.05 mm[.907 in] |

Packaging Features

| | |
|------------------|--------|
| Packaging Method | Carton |
|------------------|--------|

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 | Yes |
| EU RoHS Compliance | Compliant |
| EU ELV Compliance | Compliant |

Electrical Characteristics

| | |
|------------------------------|------------|
| Operating Voltage | 12 VDC |
| Nominal Voltage Architecture | 24 V, 12 V |

Body Features

| | |
|-------------------------|-------|
| Cable Exit Angle | 180° |
| Primary Product Color | Black |
| Connector & Keying Code | A |

Housing Features

| | |
|--------------------|---------------|
| Housing Material | PA GF, PBT GF |
| Centerline (Pitch) | 4 mm[.157 in] |

Contact Features

| | |
|------------------------------|-----------------|
| Contact Size | 1.2mm |
| Contact Type | Receptacle |
| Mating Tab Width | 1.2 mm[.047 in] |
| Contact Current Rating (Max) | 15 A |

Product Type Features

| | |
|-----------------------------------|------------------------------|
| Mixed & Hybrid Connector | No |
| Connector Shape | Rectangular |
| Connector & Housing Type | Housing for Female Terminals |
| Connector System | Wire-to-Board, Wire-to-Wire |
| Sealable | Yes |
| Primary Locking Feature | On the Terminal |
| Connector & Contact Terminates To | Wire & Cable |

Configuration Features

| | |
|-----------------------|----|
| Blank Cavity Position | 0 |
| Number of Positions | 10 |



| | |
|----------------|---|
| Number of Rows | 2 |
|----------------|---|

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature (Max) | 130 °C[266 °F] |
| Operating Temperature Range | -40 – 150 °C[-40 – 302 °F] |

Operation/Application

| | |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Product Compliance

For compliance documentation, visit the product page on TE.com>

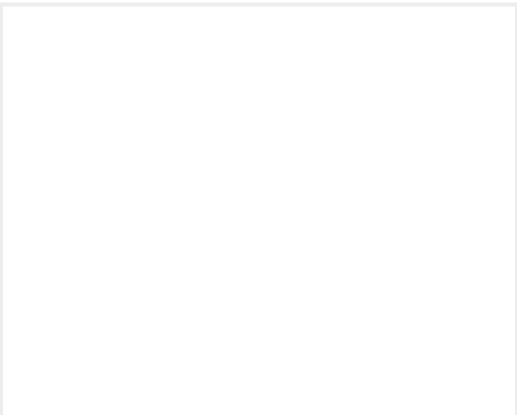
| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared 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 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 # 2-2301520-7
8POS, MCON 1.2 LL TAB SEALED
2ROW



TE Part # 2-2301520-6
8POS, MCON 1.2 LL TAB SEALED
2ROW



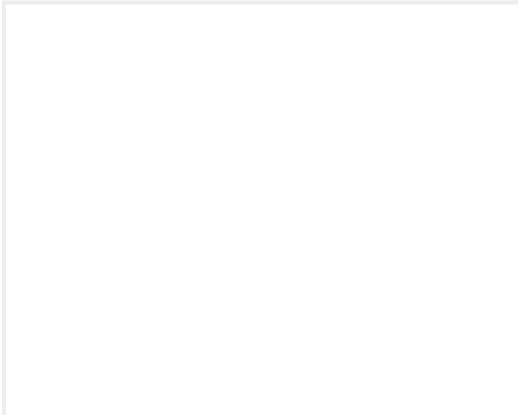
TE Part # 1-2301520-6
8POS, MCON 1.2 LL TAB SEALED
2ROW



TE Part # 1-2301521-5
10POS, MCON 1.2 LL TAB SEALED
2ROW



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




TE Part # 2282341-1
RETAINER,10POS., MCON1.2




TE Part # 1-2301520-5
8POS, MCON 1.2 LL TAB SEALED
2ROW



TE Part # 2-2301521-5
10POS, MCON 1.2 LL TAB SEALED
2ROW



TE Part # 1-2301520-7
8POS, MCON 1.2 LL TAB SEALED
2ROW




TE Part # 2282342-1
CPA



TE Part # 2-2301520-5
8POS, MCON 1.2 LL TAB SEALED
2ROW


Also in the Series | MCON 1.2mm




Automotive Connector Caps & Covers
(18)




Automotive Connector Locks &
Position Assurance(10)




Automotive Housings(318)



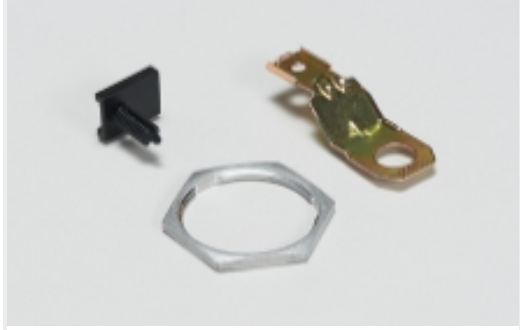
Automotive Terminals(93)



Connector Seals & Cavity Plugs(10)



Insertion & Extraction Tools(5)



Other Automotive Connector
Accessories(7)

Customers Also Bought



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

TE Part #3-1630019-1
HSC200 1K8 5%

TE Part #6-104549-0
100 SYS50 S/M HDR DRST SHRDSN

TE Part #2-33461-3
TERMINAL,SOLIS R 8 1/4

TE Part #2214869-1
MiniSAS HD, 1x2 Rec Assy w/ weld

TE Part #5-965908-1
MQS0,63 Sn tab LL EDS 0,5-0,75

TE Part #925603-4
FF 250 REC 20-15 AWG TPPB LP

TE Part #3822873005
44A1121-20-2/6-9

TE Part #382287-000
44A1121-20-2/6-9

Documents

Product Drawings
10POS, MCON 1.2 LL REC SEALED 2ROW
English
10POS, MCON 1.2 LL REC SEALED 2ROW
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1-2282337-5_B.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1-2282337-5_B.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1-2282337-5_B.3d_stp.zip
English

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[Product Specifications](#)

[Application Specification](#)

English