



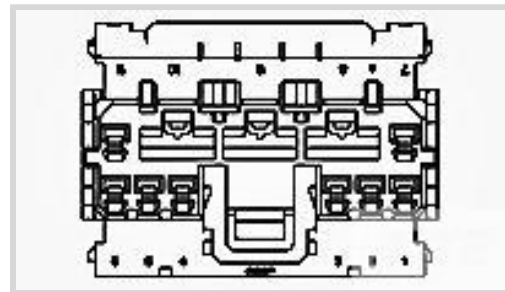
AMP | Multilock Connector System

TE Internal #: 174926-1

Housing for Female Terminals, Wire-to-Wire, 13 Position, .138 in / .335 in [8.5 mm / 3.5 mm] Centerline, Natural, Signal, Multilock Connector System

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



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

Mating Tab Width: .64 mm, 1.8 mm [.025 in, .07 in]

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

Number of Positions: **13**

Centerline (Pitch): 3.5 mm, 8.5 mm [.138 in, .335 in]

[All MULTILOCK, CONNECTOR HOUSING \(576\)](#)

Features

Product Type Features

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

Configuration Features

| | |
|---------------------|----|
| Number of Positions | 13 |
| Number of Rows | 2 |

Electrical Characteristics

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

Body Features

| | |
|-----------------------|---------|
| Cable Exit Angle | 180° |
| Body Material | PBT |
| Primary Product Color | Natural |



Contact Features

| | |
|------------------|----------------------------------|
| Contact Size | 1.8mm, 6.4mm |
| Contact Type | Receptacle |
| Mating Tab Width | .64 mm, 1.8 mm [.025 in][.07 in] |

Mechanical Attachment

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

Housing Features

| | |
|--------------------|-----------------------------------|
| Centerline (Pitch) | 3.5 mm, 8.5 mm [.138 in][.335 in] |
|--------------------|-----------------------------------|

Dimensions

| | |
|--------------------|---------------------|
| Product Width | 40.3 mm [1.587 in] |
| Product Length | 24.3 mm [.957 in] |
| Product Height | 26.25 mm [1.033 in] |
| Row-to-Row Spacing | 3 mm [.118 in] |

Usage Conditions

| | |
|-----------------------------|--|
| Operating Temperature (Max) | 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C [158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F] |
| Operating Temperature Range | -30 – 105 °C [-22 – 221 °F] |

Operation/Application

| | |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Industry Standards

| | |
|------------------------|---------|
| UL Flammability Rating | UL 94HB |
|------------------------|---------|

Packaging Features

| | |
|--------------------|----|
| Packaging Quantity | 50 |
|--------------------|----|

Other

| | |
|--------------------------------------|-----|
| Serviceable | Yes |
| Connector Position Assurance Capable | No |



Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

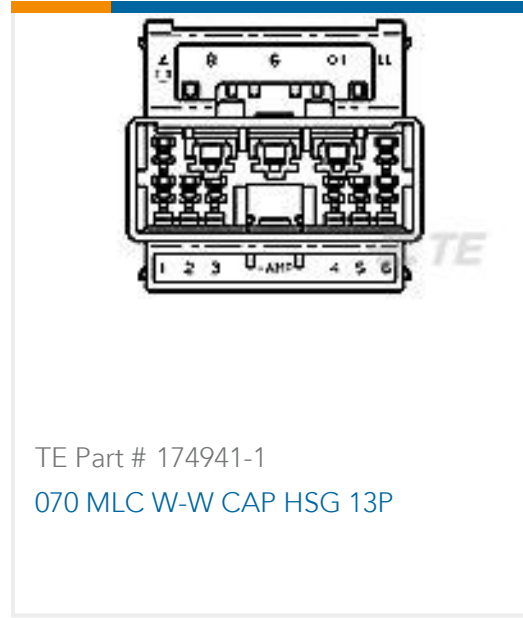
| | |
|---|--|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed |
| 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

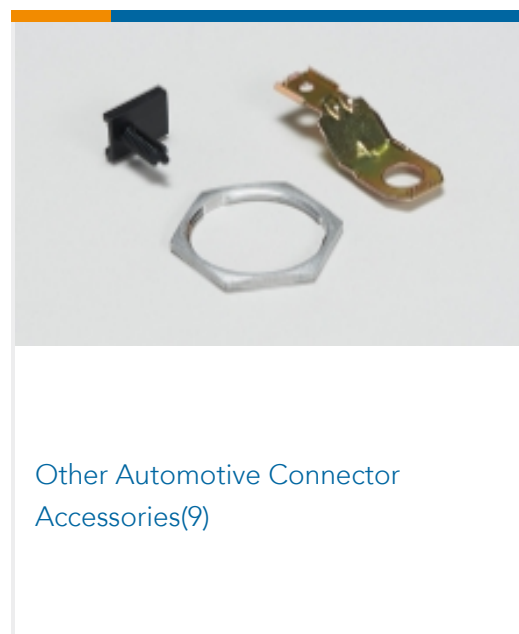
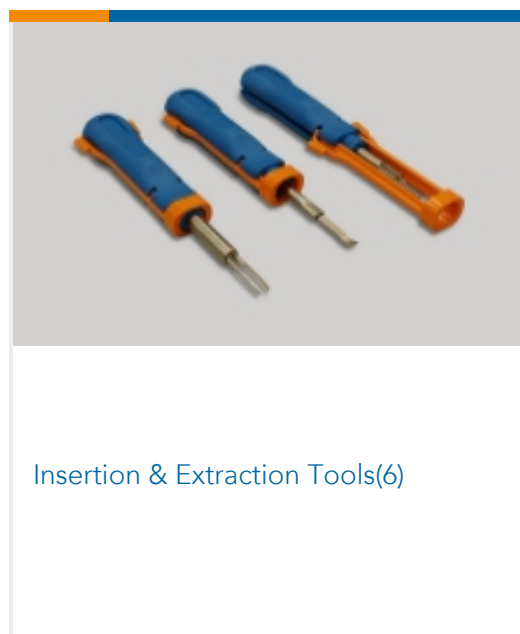
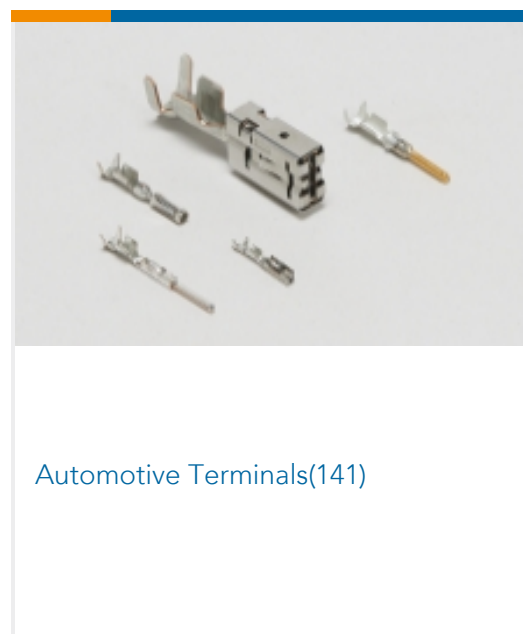
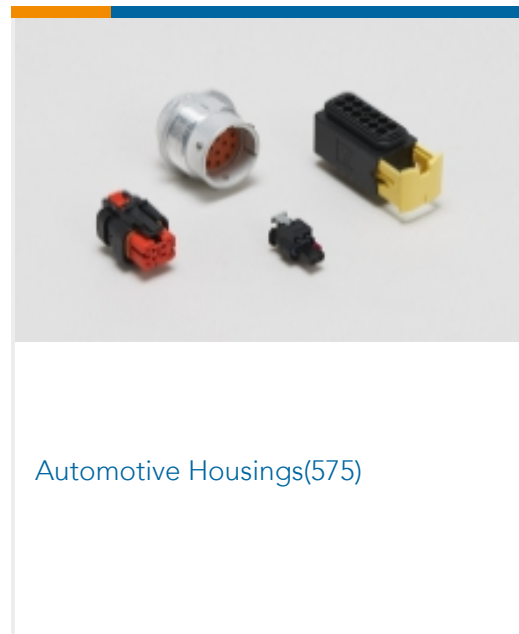
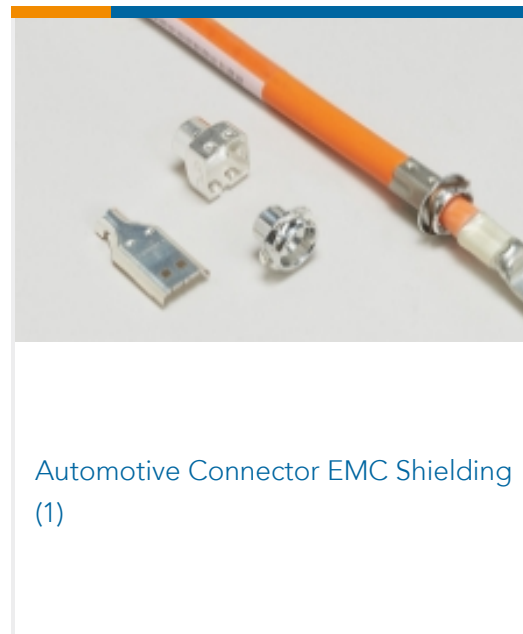
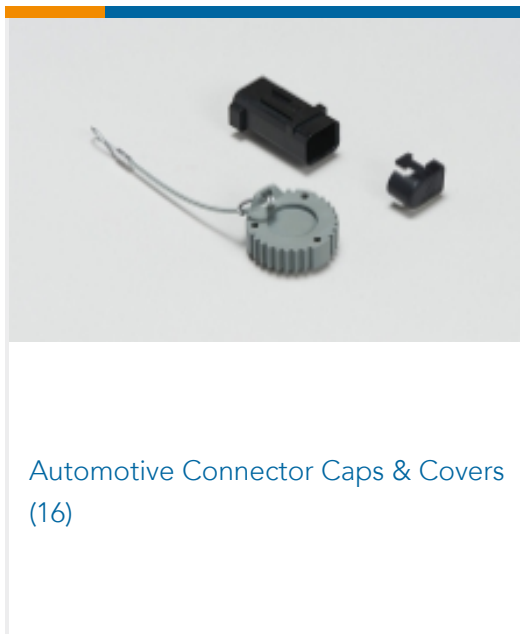
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

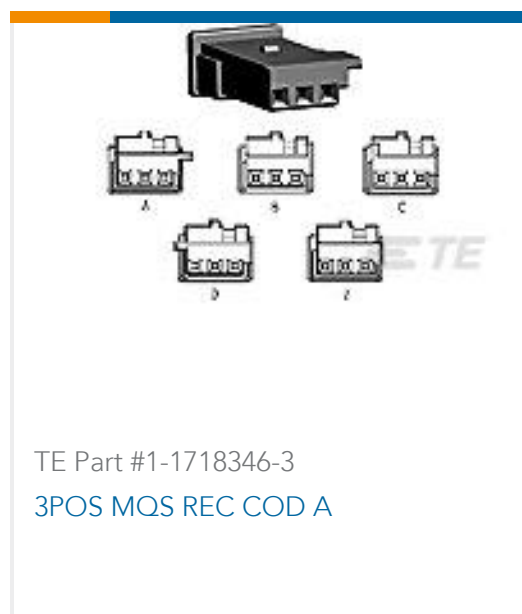
| | | | |
|--|--|--|--|
|  <p>TE Part # 170032-1 250 FASTON,REC.,20-14 AWG,BR</p> |  <p>TE Part # 170258-2 FF 250 REC 14-12AWG TPBR REREELING</p> |  <p>TE Part # 170384-1 250 FASTON,REC.,22-20 AWG,BR</p> |  <p>TE Part # 170032-2 250 FASTON,REC.,20-14 AWG,BR</p> |
|--|--|--|--|



Also in the Series | Multilock Connector System



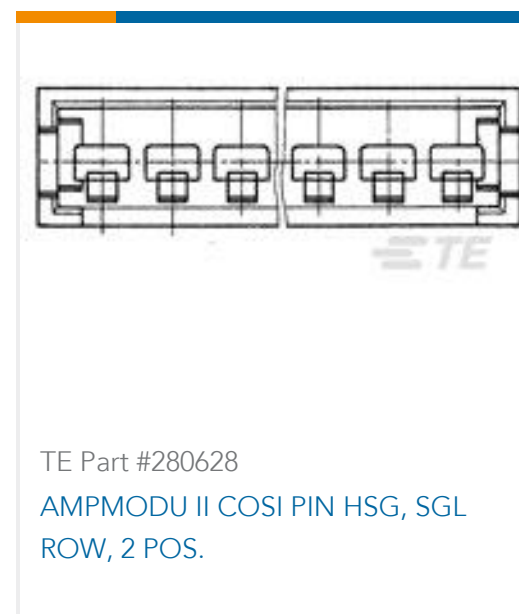
Customers Also Bought



TE Part #1-1718346-3
3POS MOS REC COD A



TE Part #4-1879378-3
TLR 2512 2.0W R007 1% 75PPM 2K RL



TE Part #280628
AMPMODU II COSI PIN HSG, SGL
ROW, 2 POS.



TE Part #794407-1
MINI UNML SCKT 20-16 AWG SN



TE Part #1-967627-1
FLA-STE-GEH2,8 12P



TE Part #1-962841-1
TIMER, RECEPTACLE AND TAB



TE Part #794895-1
6 CIR MINI UMNL RND WIRE HOLES



TE Part #1393431-1
V23540M7700Y 21=2 POL POT.VERT



TE Part #1-928918-1
MOS0,63 Sn tab LL unseal. 0,2-0,35

Documents

Product Drawings

[070 MLC W-W PLUG HSG 13P](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_174926-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_174926-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_174926-1_B.3d_stp.zip](#)

English

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Datasheets & Catalog Pages



MULTILOCK Connector System

English

Product Specifications

Product Specification

English

070/250 HYBRID CONNECTOR (WIRE TO WIRE)

English