

1241390-1 ✓ ACTIVE

AMP | AMP MCP Connector System

TE Internal #: 1241390-1

Automotive Terminals, Receptacle, Mating Tab Width 2.8 mm [.11 in], Tab Thickness .6 mm [.024 in / .031 in], AMP MCP Connector System

[View on TE.com >](#)



Terminals & Splices > Automotive Terminals > AMP MCP, RECEPTACLE AND TAB



Terminal Type: **Receptacle**

Mating Tab Width: **2.8 mm [.11 in]**

Mating Tab Thickness: **.6 mm [.024 in, .031 in]**

Terminal Transmits: **0 – 24 A (Low Power)**

Wire Size: **17 – 13 AWG**

[All AMP MCP, RECEPTACLE AND TAB \(129\)](#)

Features

Product Type Features

| | |
|-------------------------|---------------|
| Receptacle Style | 180° |
| Sealable | No |
| Primary Locking Feature | Locking Lance |

Contact Features

| | |
|--|-------------------------|
| Contact Size | 2.8K |
| Contact Fabrication | Stamped & Formed |
| Wire Contact Termination Area Plating Material | Tin |
| Typical Current Rating | 22 A |
| Crimp Type | F-Crimp |
| Terminal Type | Receptacle |
| Mating Tab Width | 2.8 mm[.11 in] |
| Mating Tab Thickness | .6 mm[.024 in][.031 in] |
| Interface Plating | Tin (Sn) |

Termination Features

| | |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
| Product Terminates To | Wire |

Dimensions



| | |
|--------------------------------------|--|
| Compatible Insulation Diameter Range | 2.2 – 2.4 mm [.087 – .118 in] |
| Wire Size | 1 – 2.5 mm ² |
| Wire Size Search | 13 AWG, 14 AWG, 15 AWG, 16 AWG, 17 AWG |

Usage Conditions

| | |
|-----------------------------|--|
| Insulation Option | Uninsulated |
| Operating Temperature (Max) | 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C [176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F] |
| Operating Temperature Range | -40 – 130 °C [-40 – 266 °F] |

Operation/Application

| | |
|------------------------------------|--------|
| Compatible With Wire Base Material | Copper |
|------------------------------------|--------|

Packaging Features

| | |
|--------------------|------|
| Packaging Quantity | 3500 |
| Packaging Method | Reel |

Other

| | |
|--------------------|----------------------|
| Terminal Transmits | 0 – 24 A (Low 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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

| | | | |
|--|---|--|--|
|  <p>TE Part # 963293-1 SEALING F JPT+2,8</p> |  <p>TE Part # 963292-1 WIRE SEALING 2,2</p> |  <p>TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp</p> |  <p>TE Part # CAT-AM705-CH8173 AMP MCP Unsealed Connector Housings</p> |
|  <p>TE Part # 1-1563331-1 10POS MIXED MQS REC COD A</p> |  <p>TE Part # 1897543-2 22POS MIXED MQS REC</p> |  <p>TE Part # 2109340-2 025/060/110 DOOR 50P PLUG ASSY</p> |  <p>TE Part # 2151062-1 OCEAN_2.0_APPLICATOR-S-100F140OV</p> |
|  <p>TE Part # 2208746-1 28POS MQS REC</p> |  <p>TE Part # 1563123-2 10POS, MIXED, REC HSG</p> |  <p>TE Part # 2-2836246-1 OCEAN_2.0_Applicator-S-100F120OV</p> |  <p>TE Part # 2-2836246-2 OCEAN_2.0_Applicator-S-100F120OV</p> |
|  <p>TE Part # 2112668-1 23POS MIXED MQS REC</p> |  <p>TE Part # 2151062-2 OCEAN_2.0_APPLICATOR-S-100F140OV</p> |  <p>TE Part # 2298567-1 22POSN.,REC ASSY, MCON1.2, MQS, MCP2.8</p> |  <p>TE Part # 2298622-1 24POS, HYBRID, REC HSG ASSY, UNSLD, COD A</p> |



TE Part # 2298633-1
60POS, HYBRID, REC HSG ASSY,
UNSLD, COD A



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

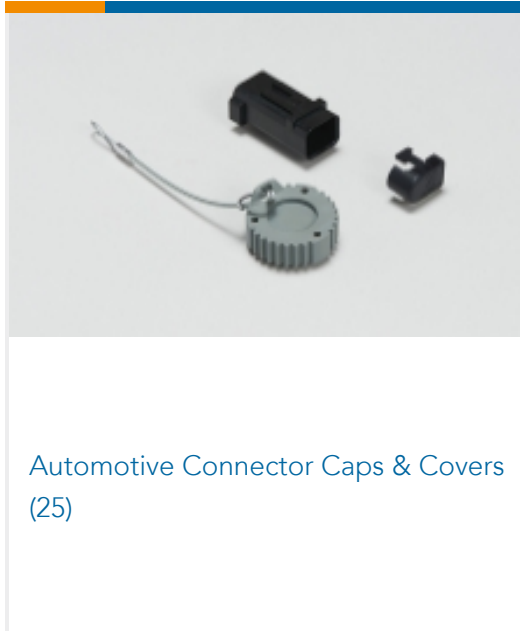


TE Part # 2836246-1
OCEAN_2.0_Applicator-S-100F1200V



TE Part # 2836246-2
OCEAN_2.0_Applicator-S-100F1200V

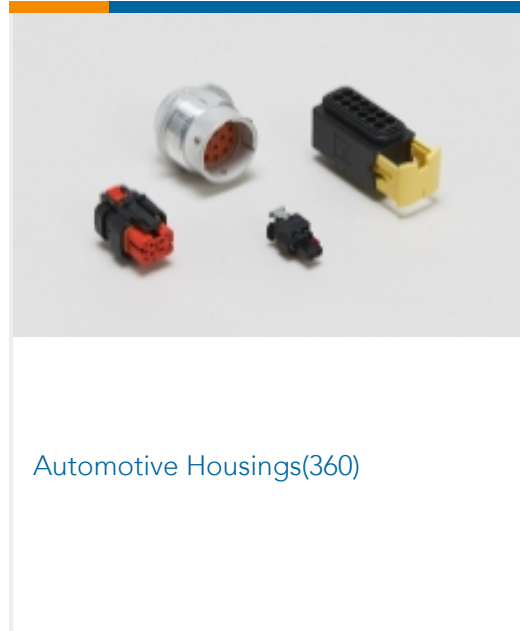
Also in the Series | AMP MCP Connector System



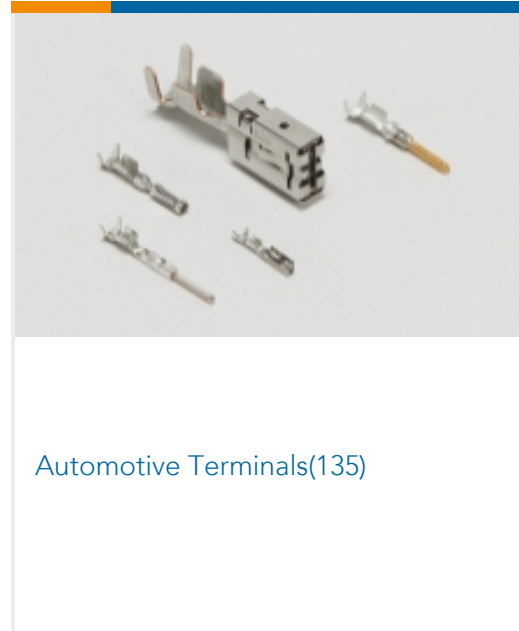
Automotive Connector Caps & Covers
(25)



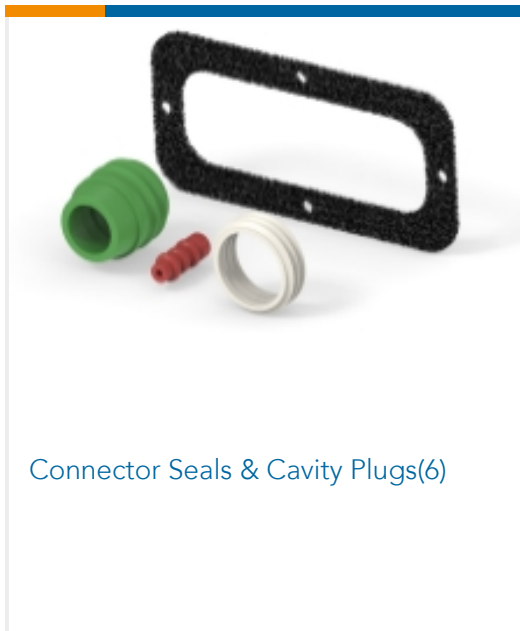
Automotive Connector Locks &
Position Assurance (7)



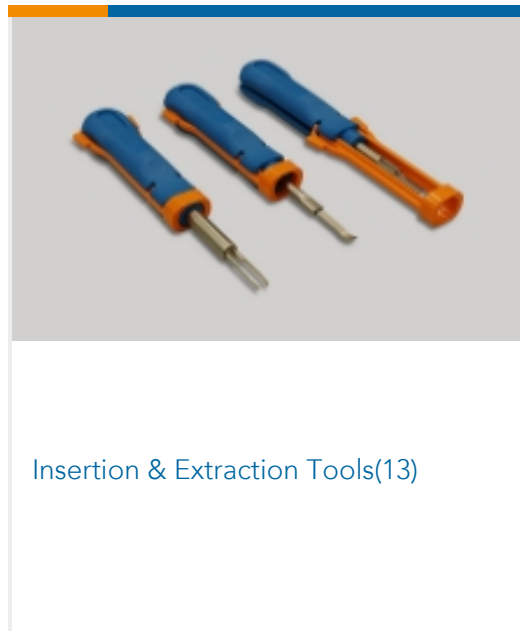
Automotive Housings (360)



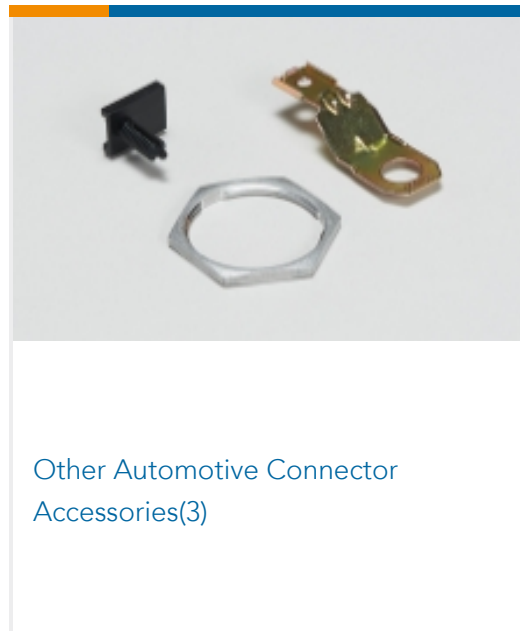
Automotive Terminals (135)



Connector Seals & Cavity Plugs (6)



Insertion & Extraction Tools (13)



Other Automotive Connector
Accessories (3)



PCB Headers & Receptacles (30)

Customers Also Bought



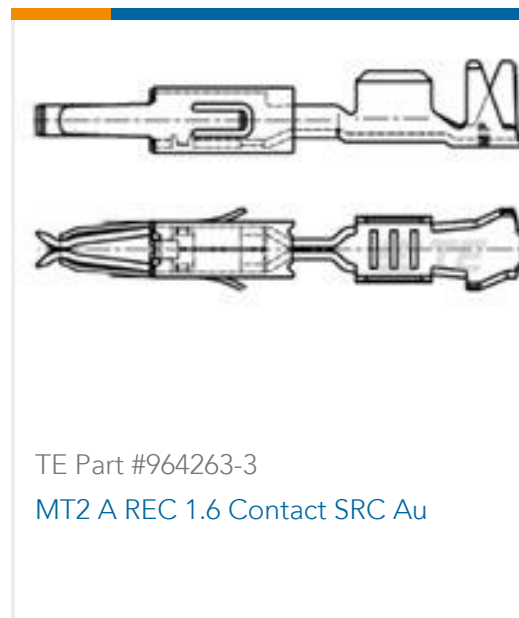
TE Part # 1563124-1
2 LOCK, 10 POS FEM HOUSING



TE Part # 284853-2
12 POS FEMALE CONNECTOR ASS'Y



TE Part # 1564982-1
AMP MCP 2.8K, CONTACT



TE Part # 964263-3
MT2 A REC 1.6 Contact SRC Au



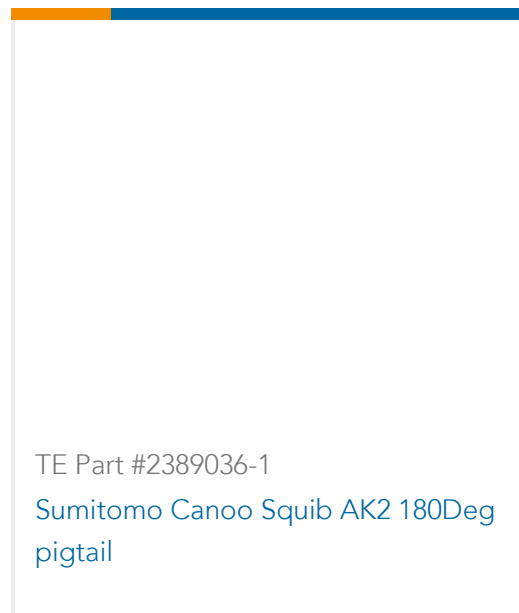
TE Part # 968074-2
MPQ2, 8 Sn rec LL unseal. >0,5-1,0



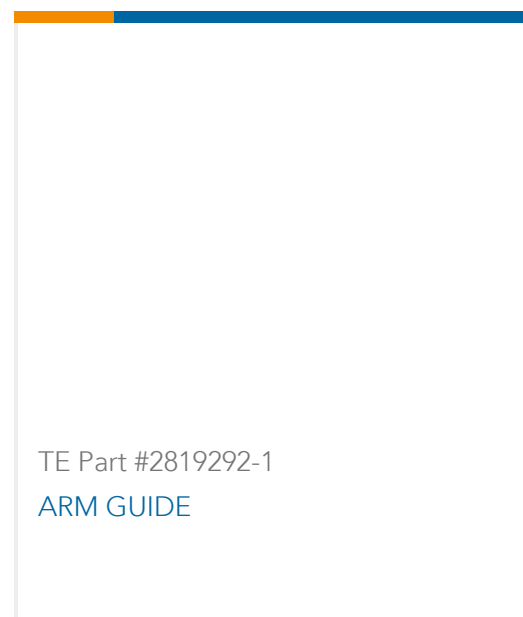
TE Part # 1394139-1
8 POS MQS REC



TE Part # 539515-000
ES2000-NO.3-B8-0-65MM



TE Part # 2389036-1
Sumitomo Canoo Squib AK2 180Deg
pigtail



Documents

Product Drawings

[AMP MCP 2.8K, CONTACT](#)

English

[AMP MCP 2.8K, CONTACT](#)

English

CAD Files

Customer View Model

[ENG_CVM_1241390-1_C6.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1241390-1_C6.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1241390-1_C6.2d_dxf.zip](#)

English

[3D PDF](#)

English

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

Product Specifications

[Application Specification](#)

German

[Application Specification](#)

German