

7-1452665-3 ✓ ACTIVE

MCON | MCON 1.2mm

TE Internal #: 7-1452665-3

Receptacle Terminal, 23 – 22 AWG, .25 – .35 mm² Wire, 1.2 mm [.

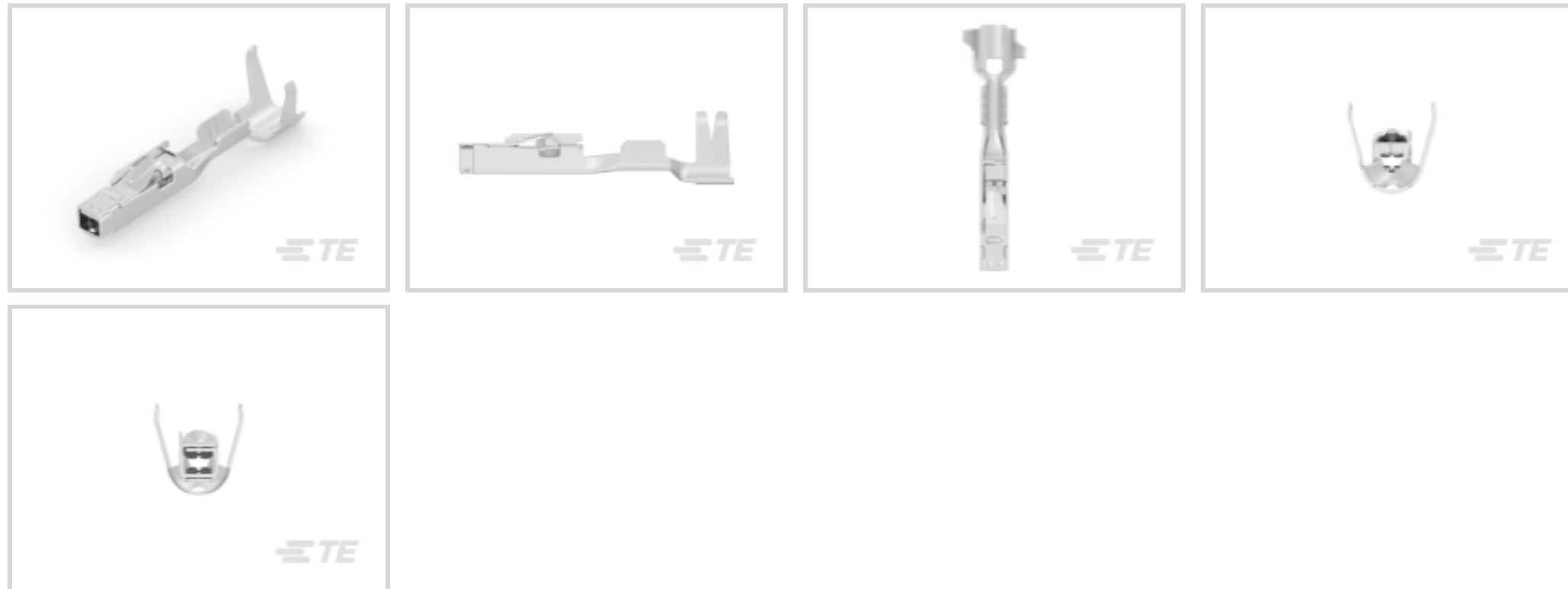
047 in] Tab Width, Silver (Ag), Sealable, .6 mm [.024 in] Tab

Thickness, MCON 1.2mm

[View on TE.com >](#)



Terminals & Splices > Automotive Terminals > MCON 1.2 48V Locking Lance Receptacle and Tab Terminals



Terminal Type: **Receptacle**

Wire Size: **23 – 22 AWG**

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

Interface Plating: **Silver (Ag)**

[All MCON 1.2 48V Locking Lance Receptacle and Tab Terminals \(3\)](#)

Features

Product Type Features

| | |
|-------------------------|---------------|
| Receptacle Style | 180° |
| Primary Locking Feature | Locking Lance |
| Sealable | Yes |

Body Features

| | |
|--------------------|------------------------|
| Terminal Seal Type | Single Wire Seal (SWS) |
|--------------------|------------------------|

Contact Features

| | |
|--|------------------|
| Typical Current Rating | 10 A |
| Crimp Type | F-Crimp |
| Contact Size | 1.2mm |
| Contact Fabrication | Stamped & Formed |
| Wire Contact Termination Area Plating Material | Tin |
| Terminal Type | Receptacle |
| Mating Tab Width | 1.2 mm[.047 in] |



| | |
|-------------------|-------------|
| Interface Plating | Silver (Ag) |
|-------------------|-------------|

| | |
|----------------------|-----------------|
| Mating Tab Thickness | .6 mm [.024 in] |
|----------------------|-----------------|

Termination Features

| | |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

| | |
|-----------------------|------|
| Product Terminates To | Wire |
|-----------------------|------|

Dimensions

| | |
|--------------------------------------|--------------------------------|
| Compatible Insulation Diameter Range | 1.1 – 1.75 mm [.043 – .069 in] |
|--------------------------------------|--------------------------------|

| | |
|-----------|-------------|
| Wire Size | 23 – 22 AWG |
|-----------|-------------|

| | |
|------------------|--|
| Wire Size Search | .25 mm ² , .3 mm ² |
|------------------|--|

Usage Conditions

| | |
|-------------------|-------------|
| Insulation Option | Uninsulated |
|-------------------|-------------|

| | |
|-----------------------------|-----------------|
| Operating Temperature (Max) | 125 °C [212 °F] |
|-----------------------------|-----------------|

| | |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -40 – 150 °C [-40 – 302 °F] |
|-----------------------------|-----------------------------|

Operation/Application

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

| | |
|----------------------------------|--|
| Conforms to Automation Guideline | Yes, DIN 72036 Automation of Wiring Harness Production, Version June 2024, Yes, KOMAX Guideline for automatic component insertion for electrical connections, Version 5.0 (March 2018) |
|----------------------------------|--|

Industry Standards

| | |
|---|-------|
| Compatible With Agency/Standards Products | LV214 |
|---|-------|

Packaging Features

| | |
|------------------|------|
| Packaging Method | Reel |
|------------------|------|

| | |
|--------------------|------|
| Packaging Quantity | 6000 |
|--------------------|------|

Other

| | |
|--------------------|----------------------|
| Terminal Transmits | 0 – 24 A (Low Power) |
|--------------------|----------------------|

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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: JAN 2025
(247)

Candidate List Declared Against: JAN 2025
(247)

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 # 1-1718643-4
2POS, MCON 1.2 LL REC SEALED



TE Part # CAT-N14-NMRHS1223
NextGen Plus MCON 1.2, 1-row, 2-8 POS REC HSG, Sealed, Sustainable



TE Part # 3-2236896-1
2POS, MCON 1.2 LL REC SEALED



TE Part # 2332470-1
4POS, MCON 9.5, REC HSG ASSY, SLD, COD 1



TE Part # 2-2236896-1
2POS, MCON 1.2 LL REC SEALED



TE Part # 2-1670921-1
5POS, MCON 1.2 LL REC SEALED



TE Part # 2151041-1
OCEAN_2.0_APPLICATOR-S-050F120O-RSM



TE Part # 1-1718888-1
2POS, MCON 1.2 LL REC SEALED




TE Part # 1-1670915-1
2POS, MCON 1.2 LL REC SEALED



TE Part # 1801600-2
RECEPTACLE HOUSING, MCON, 10 W, SEALED



TE Part # 3-1718643-1
2POS, MCON 1.2 LL REC SEALED



TE Part # 2-2236898-5
5POS, MCON 1.2 LL REC SEALED



TE Part # CAT-N14-NMRH12128
NextGen MCON 1.2, 1-row, 2-8 POS Receptacle Housing, Sealed



TE Part # 1-1670917-1
3POS, MCON 1.2 LL REC SEALED



TE Part # 1-1564440-1
2POS, MCON 1.2 LL REC SEALED



TE Part # 2-2236896-5
2POS, MCON 1.2 LL REC SEALED



TE Part # 2151041-2
OCEAN_2.0_APPLICATOR-S-050F1200-RSA



TE Part # 5-2151041-1
OCEAN_2.0_APPLICATOR-S-050F1200-RSM



TE Part # CAT-NC1-MVA1248
MCON 1.2 48 Volt Accessories



TE Part # 1-1718646-1
6POS, MCON 1.2 LL REC SEALED


Also in the Series | **MCON 1.2mm**



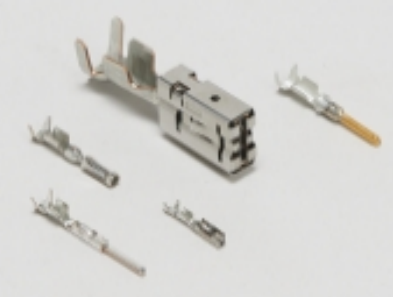
Automotive Connector Caps & Covers (15)




Automotive Connector Locks & Position Assurance(10)




Automotive Housings(312)




Automotive Terminals(85)



Connector Seals & Cavity Plugs(10)

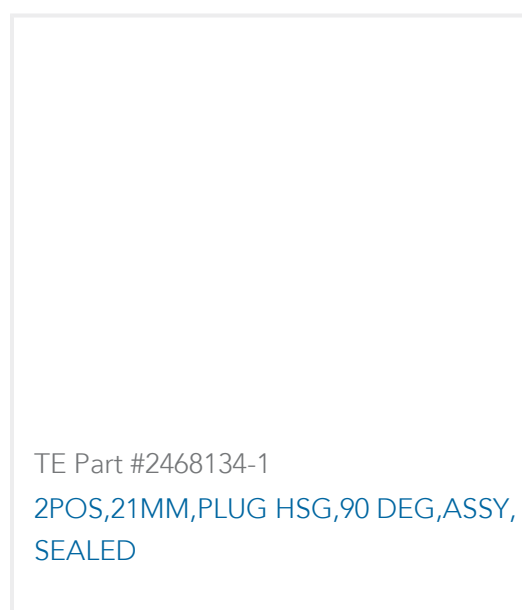
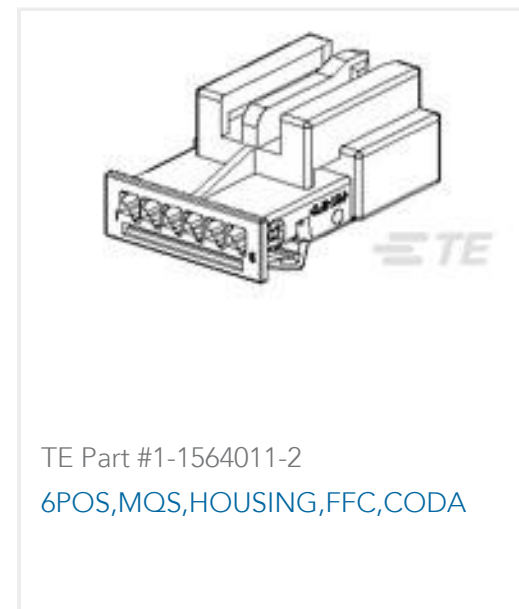
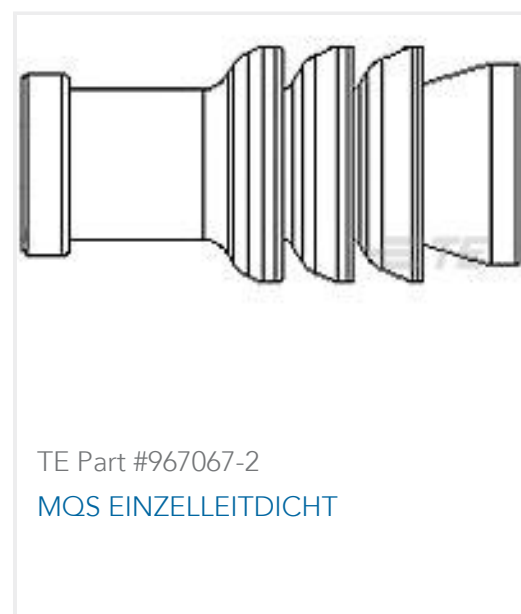


Insertion & Extraction Tools(5)



Other Automotive Connector Accessories(8)

Customers Also Bought



Documents

Product Drawings

[MCON 1.2 LL REC SWS AG](#)

English

[MCON 1.2 LL REC SWS AG](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_7-1452665-3_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_7-1452665-3_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_7-1452665-3_A.3d_stp.zip](#)

English



Product Specifications

Application Specification

German

Application Specification

English

Application Specification

English