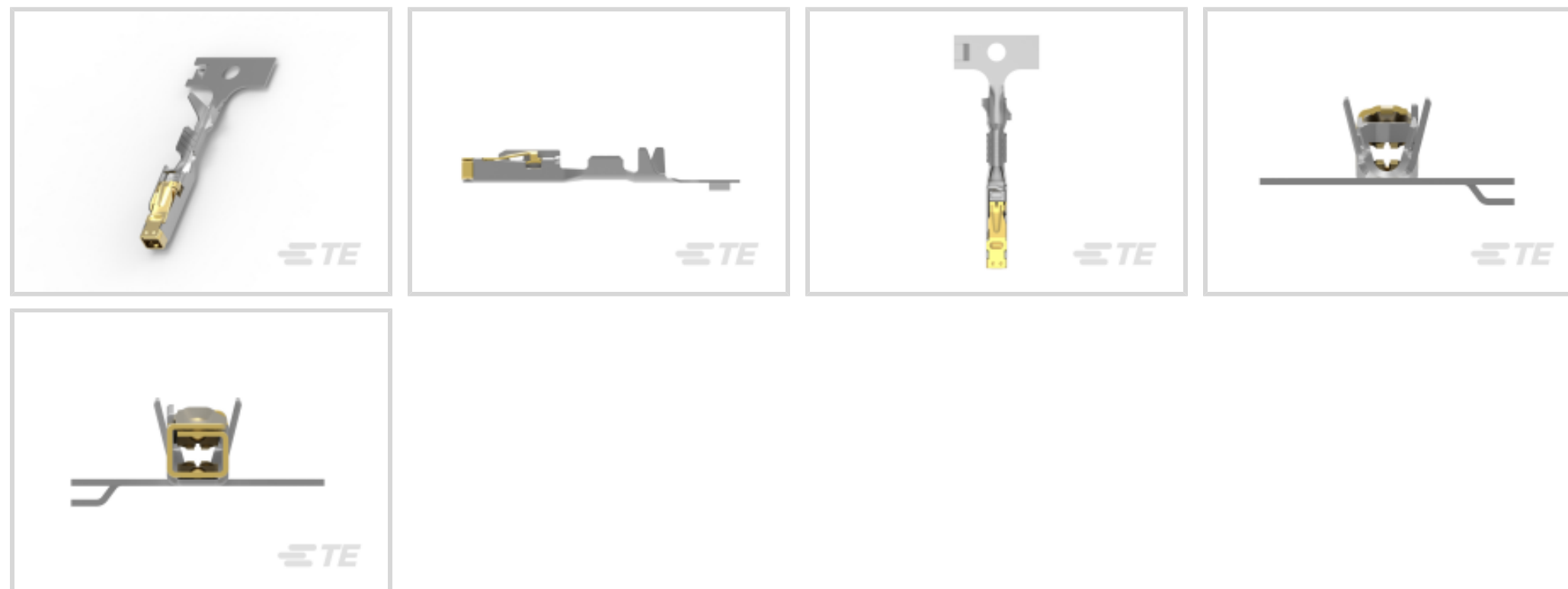




Terminals & Splices > Automotive Terminals > MCON, RECEPTACLE AND TAB



Terminal Type: **Receptacle**

Mating Tab Width: 1.2 mm [.047 in]

Mating Tab Thickness: .6 mm [.024 in]

Terminal Transmits: 0 – 24 A (Low Power)

Wire Size: 23 – 22 AWG

[All MCON, RECEPTACLE AND TAB \(103\)](#)

Features

Product Type Features

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

Contact Features

| | |
|------------------------|------------------|
| Contact Size | 1.2mm |
| Contact Fabrication | Stamped & Formed |
| Typical Current Rating | 10 A |
| Crimp Type | F-Crimp |
| Terminal Type | Receptacle |
| Mating Tab Width | 1.2 mm[.047 in] |
| Mating Tab Thickness | .6 mm[.024 in] |
| Interface Plating | Gold (Au) |



Termination Features

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

Dimensions

| | |
|--------------------------|--------------------------------|
| Wire Size | .25 – .35 mm ² |
| Wire Size Search | 22 AWG, 23 AWG |
| Wire Insulation Diameter | 1.1 – 1.75 mm [.043 – .069 in] |

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, 140 °C, 145 °C, 150 °C [176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F][293 °F][302 °F] |
| Operating Temperature Range | -40 – 150 °C [-40 – 302 °F] |

Operation/Application

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

Packaging Features

| | |
|--------------------|-------|
| Packaging Method | Reel |
| Packaging Quantity | 10000 |

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 # 5-1579007-3
EXTRACTION TOOL



TE Part # 2305570-1
TERMINAL CUTTER, SIDE FEED



TE Part # 2-1670442-9
38POS, MIXED, REC. HSG



TE Part # 5-1418758-2
MCON 1.2 LL TAB STC AU



KIT
REPRESENTATION ONLY

TE Part # 7-2151042-7
OCEAN_2.0_SPARE_PART_KIT-050F0700



TE Part # 2-2151042-1
OCEAN_2.0_APPLICATOR-S-050F0700



TE Part # 2-2151042-2
OCEAN_2.0_APPLICATOR-S-050F0700



TE Part # 2151042-1
OCEAN_2.0_APPLICATOR-S-050F0700



TE Part # 2151042-2
OCEAN_2.0_APPLICATOR-S-050F0700



TE Part # 5-2151042-1
OCEAN_2.0_APPLICATOR-S-050F0700



TE Part # 5-2151042-2
OCEAN_2.0_APPLICATOR-S-050F0700




TE Part # 7-2151042-1
OCEAN_2.0_APPLICATOR-S-050F0700





TE Part # 7-2151042-2
OCEAN_2.0_APPLICATOR-S-050F0700




TE Part # 4-1579001-3
ERGO DIE MCP 1,2 LL




TE Part # 2382871-1
16POS,MCON 1.2,REC HSG ASSY, UNSLD,COD A




TE Part # 2382871-2
16POS,MCON 1.2,REC HSG ASSY, UNSLD,COD A




TE Part # 2382871-3
16POS,MCON 1.2,REC HSG ASSY, UNSLD,COD A



TE Part # 2382871-4
16POS,MCON 1.2,REC HSG ASSY, UNSLD,COD A



TE Part # 2382877-1
3POS,MCON 1.2,REC HSG,UNSLD, COD A



TE Part # 2382877-2
3POS,MCON 1.2,REC HSG,UNSLD, COD A


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 #7-1452656-2
MCON, RECEPTACLE AND TAB



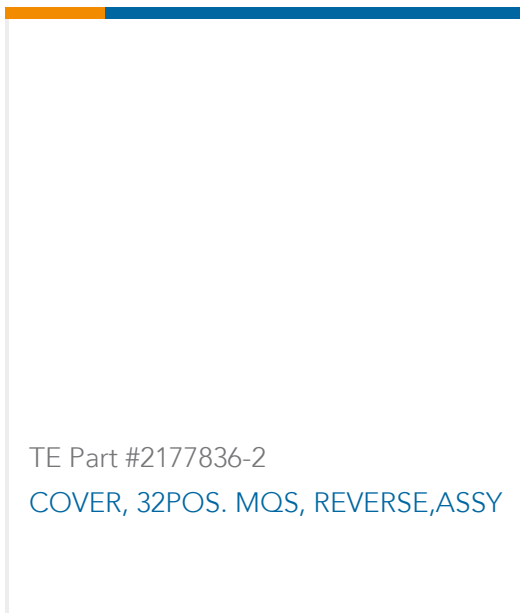
TE Part #2141900-2
TIMER, RECEPTACLE AND TAB



TE Part #1564324-3
AMP MCP 1.5K, CONTACT, SWS



TE Part #2177833-1
32POS MQS REC



Documents

Product Drawings

[MCON 1.2 LL REC SRC AU](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_7-1452653-2_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_7-1452653-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_7-1452653-2_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[MCON Interconnection System](#)

English

Product Specifications

[Product Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English