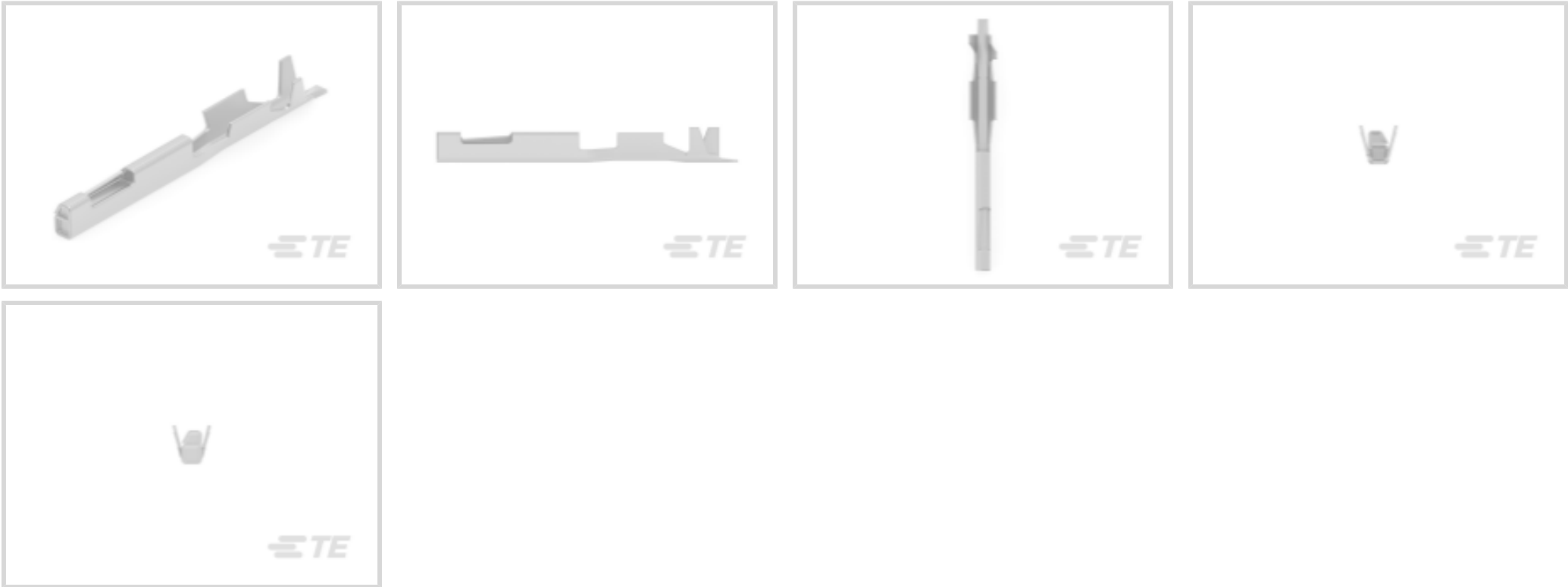




Terminals & Splices > Automotive Terminals > MCON 0.50 Terminals



Terminal Type: **Receptacle**
Mating Tab Width: **.5 mm [.019 in]**
Mating Tab Thickness: **.4 mm [.015 in]**
Terminal Transmits: **0 – 24 A (Low Power)**
Wire Size: **24 – 22 AWG**

[All MCON 0.50 Terminals \(4\)](#)

Features

Industry Standards

Compatible With Agency/Standards Products	LV214
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Operation/Application

Compatible With Wire Base Material	Copper
Conforms to Automation Guideline	Yes, KOMAX Automatic Component Insertion per Version 5.0 (March 2018)

Packaging Features

Packaging Method	Reel
Packaging Quantity	17000

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 105 °C, 100 °C, 90 °C, 85 °C[221 °F][176 °F][194 °F][185 °F][212 °F]
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]



Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Clean Body

Dimensions

Compatible Insulation Diameter Range	1.1 – 1.3 mm[.039 – .051 in]
Wire Size	.22 – .35 mm ²
Wire Size Search	.3 mm ² , .25 mm ² , .2 mm ²

Other

Customer Preferred Contact	No
Terminal Transmits	0 – 24 A (Low Power)
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Contact Features

Typical Current Rating	3 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	.5 mm[.019 in]
Mating Tab Thickness	.4 mm[.015 in]
Interface Plating	Tin (Sn)

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 # 1801823-3 4POS,MCON 0.5 CB,REC HSG,BLUE, ASSY,SLD	TE Part # 2-1579028-6 EXTRACTION TOOL	TE Part # 2-1579028-8 EXTRACTION TOOL	TE Part # 2151523-2 OCEAN_2.0_APPLICATOR-S-042F042O-RSA
TE Part # 2151524-2 OCEAN_2.0_APPLICATOR-S-042F050O-RSA	TE Part # 2266703-2 OCEAN_2.0_APPLICATOR-S-042F050O-RSA	TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	TE Part # 2836544-2 OCEAN_2.0_APPLICATOR-S-042F042O-RSA



TE Part # 2836545-2
[OCEAN_2.0_APPLICATOR-S-042F050O-RSA](#)

TE Part # 5-2836545-2
[OCEAN_2.0_APPLICATOR-S-042F050O-RSA](#)

TE Part # 7-2151523-7
[OCEAN_2.0_SPARE_PART_KIT-042F042O](#)

TE Part # 7-2151524-7
[OCEAN_2.0_SPARE_PART_KIT-042F050O](#)

TE Part # 7-2266278-7
[OC-042F050O-CRIMPTOOLINGKIT](#)

TE Part # 7-2836544-7
[OCEAN_2.0_SPARE_PART_KIT-042F042O](#)

TE Part # 7-2836545-7
[OCEAN_2.0_SPARE_PART_KIT-042F050O](#)

TE Part # 2380841-1
[SDE F MCON 050 0.22-0.35mm2 ASSY](#)

TE Part # 2380841-2
[SDE F MCON 050 0.22-0.35mm2 DIE SET](#)

TE Part # 2380840-2
[SDE F MCON 050 0.13-0.22mm2 DIE SET](#)

TE Part # 2380840-1
[SDE F MCON 050 0.13-0.22mm2 ASSY](#)

TE Part # 3-2836545-2
[OCEAN_2.0_APPLICATOR-S-042F050O-SSD](#)

Also in the Series | [MCON 0.50mm](#)

[Automotive Housings\(13\)](#)

[Automotive Terminals\(7\)](#)

[Connector Seals & Cavity Plugs\(1\)](#)

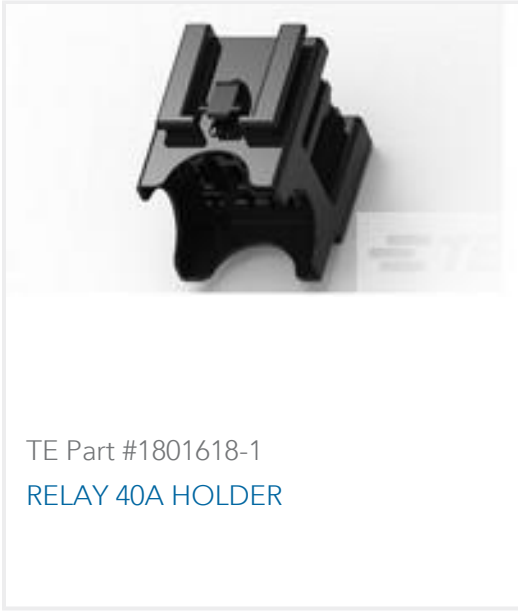
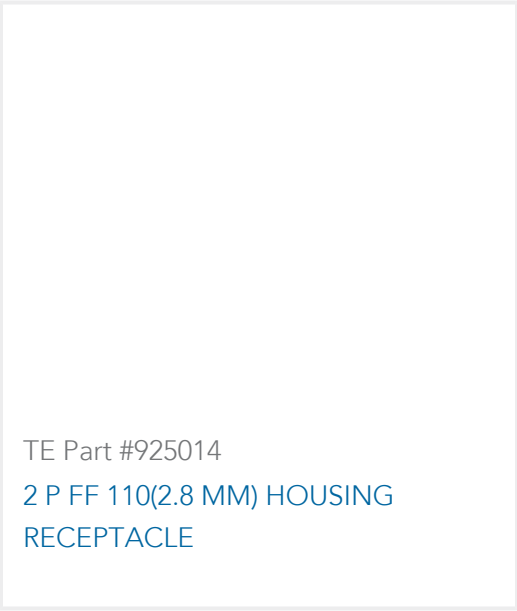
Customers Also Bought

TE Part #9-965382-2
[8POS MOS REC COD Z](#)

TE Part #1379668-2
[24W PLUG HSG ASSY grey](#)

TE Part #1-1419158-7
[INLIN CONN.FEMAL22P](#)

TE Part #1801619-1
[RELAY 70A HOLDER](#)



Documents

Product Drawings
MCON 0.50 TERMINAL

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_2177909-1_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_2177909-1_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_2177909-1_A.3d_stp.zip

English

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

Product Specifications
Application Specification

English

Agency Approvals
CSA Certificate

English