



TE Internal #: 144180-1

Automotive Terminals, Receptacle, Mating Tab Width 3 mm [.118 in], Tab Thickness .025 in [.64 mm], 22 – 17 AWG Wire Size, .35 – 1 mm<sup>2</sup> Wire Size

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Terminals & Splices > Automotive Terminals



Terminal Type: **Receptacle**

Mating Tab Width: **3 mm [.118 in]**

Mating Tab Thickness: **.64 mm [.025 in]**

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

Wire Size: **22 – 17 AWG**

## Features

### Product Type Features

Receptacle Style	180°
Sealable	No

### Contact Features

Contact Size	3mm
Contact Fabrication	Stamped & Formed
Typical Current Rating	15 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	3 mm [.118 in]
Mating Tab Thickness	.64 mm [.025 in]
Interface Plating	Tin (Sn)
Contact Termination Area Plating Material	Tin (Sn)

### Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

### Dimensions

Wire Size	.35 – 1 mm <sup>2</sup>
Wire Size Search	17 AWG, 18 AWG, 19 AWG, 20 AWG, 21 AWG, 22 AWG



Wire Insulation Diameter	1.3 – 2 mm [.051 – .078 in]
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### Usage Conditions

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

### Operation/Application

Compatible With Wire Base Material	Copper
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### Packaging Features

Packaging Method	Reel
Packaging Quantity	6000

### Other

Customer Preferred Contact	No
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: 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 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 # 2-2150214-2  
OC-PA-E-FA-070F110F-001-0218



TE Part # 2150214-2  
OC-AT-E-FA-070F110F-001-0218



KIT  
TE Part # 7-2150214-7  
OC-070F110F-CRIMPTOOLINGKIT



TE Part # 946948-1  
OUTIL MIC MARK IV

## Customers Also Bought



TE Part #2056350007  
ES-CAP-NO.3-B8-0-50MM



TE Part #5-2176412-5  
5W XSM M/OX 5% 910R



TE Part #1-2176416-0  
9W STD M/OX 5% 120R



TE Part #1-2176416-1  
9W STD M/OX 5% 130R



TE Part #1-2176416-4  
9W STD M/OX 5% 180R



TE Part #1-917807-2  
DYNAMIC D-5200M REC HSG 4P X-X



TE Part #1-1564542-1  
2POS,AMP MCP6.3/4.8K,REC HSG,A



TE Part #1-965982-3  
FLACHSTECKER2,8X0,8

TE Part #936783-2  
MT-II/JPT SLD 20P CAP COVER

TE Part #1-142856-0  
BOIT MIC ETAN M 5P

## Documents

[Product Drawings](#)  
[MIC IV+ RECEPTACLE](#)



English

### CAD Files

Customer View Model

[ENG\\_CVM\\_144180-1\\_G.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_144180-1\\_G.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_144180-1\\_G.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

English

[SERTISSAGE DU RECEPTACLE MIC MARK IV SUR MACHINE AUTOMATIQUE](#)

English

Application Specification

English

[CRIMPING RECEPTACLE MIC MARK IV 142647 AND 144180 ON AUTOMATIC MACHINE](#)

English

Application Specification

English

[RECEPTACLE MIC MARK IV REF. 142647 ET 144180 SUR MACHINE AUTOMATIQUE](#)

English