



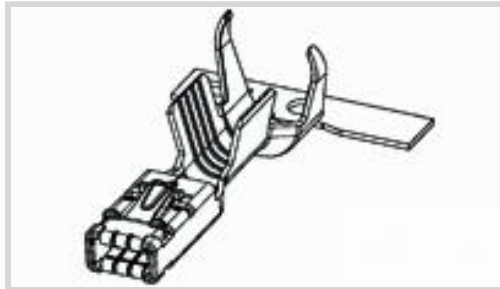
MCON Interconnection System

TE Internal #: 1670806-1

Automotive Terminals, Receptacle, Mating Tab Width 2.8 mm [.11 in], Tab Thickness .031 in [.8 mm], 12 – 11 AWG Wire Size, MCON Interconnection System

[View on TE.com >](#)

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



Terminal Type: **Receptacle**

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

Mating Tab Thickness: **.8 mm [.031 in]**

Terminal Transmits: **41 – 100 A (High Power)**

Wire Size: **12 – 11 AWG**

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

Features

Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Locking Lance

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Contact Features

Contact Size	2.8mm
Contact Fabrication	Stamped & Formed
Typical Current Rating	45 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	2.8 mm[.11 in]
Mating Tab Thickness	.8 mm[.031 in]
Interface Plating	Tin (Sn)
Contact Termination Area Plating Material	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To	Wire
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Dimensions

Wire Size	3 – 4 mm ²
Wire Size Search	12 AWG, 13 AWG
Tab Length	25 mm [.98 in]
Wire Insulation Diameter	3.4 – 3.7 mm [.134 – .146 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 [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
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Industry Standards

Agency/Standard	LV214
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Packaging Features

Packaging Method	Reel
Packaging Quantity	2000

Other

Terminal Transmits	41 – 100 A (High Power)
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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 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



TE Part # 828985-1
RUBBER PLUG >2,5-4,0MM2



TE Part # 2266517-1
OCEAN_2.0_APPLICATOR-S-120F2100



TE Part # 2266517-2
OCEAN_2.0_APPLICATOR-S-120F2100



TE Part # 5-1579008-2
EXTRACTION TOOL



TE Part # 7-2266517-1
OCEAN_2.0_APPLICATOR-S-120F2100




TE Part # 7-2266517-2
OCEAN_2.0_APPLICATOR-S-120F2100



TE Part # 7-2266517-7
OCEAN_2.0_SPARE_PART_KIT-120F2100


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)



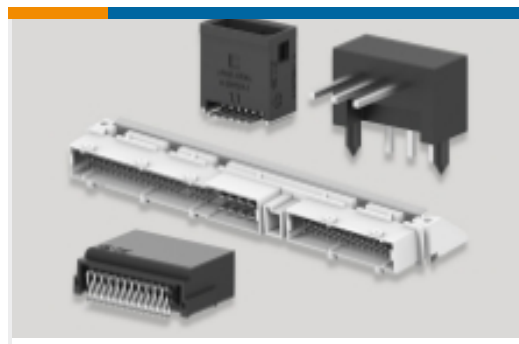
Automotive Terminals(113)



Insertion & Extraction Tools(31)



Other Automotive Connector Accessories(6)



PCB Headers & Receptacles(1)

Customers Also Bought



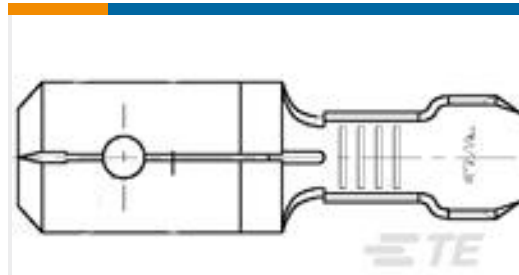
TE Part #794616-8
FREE HANG DBL ROW HSG 8 POS



TE Part #1-794609-0
PIN CONT 26-30 TIN PLATE STRIP



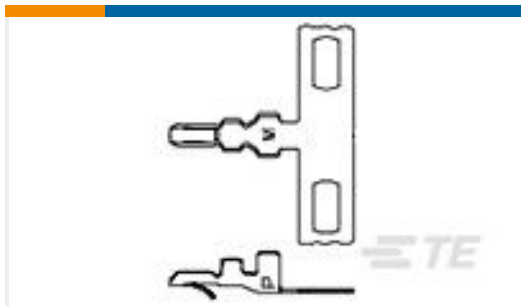
TE Part #160163-2
RING TONGUE WITH IS 3.1-5.3 MM2 TPBR



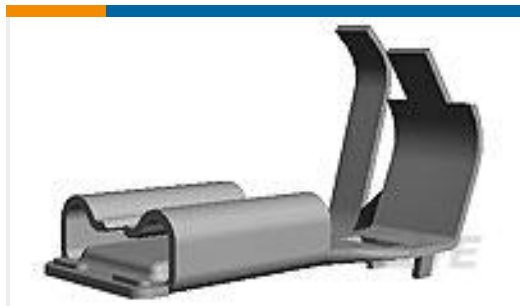
TE Part #61281-3
250 FASTON TAB 14-12 AWG TPBR



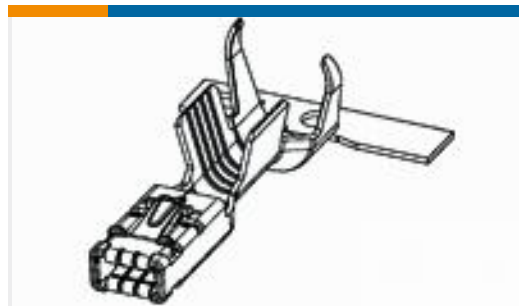
TE Part #9-1377172-6
SMP 0-0034148-0



TE Part #3-640663-1
MINI AMP-IN 26-22 PTPHBZ



TE Part #175193-1
187 PL EX FLAG REC. 22-16AWG PTBR



TE Part #1670804-1
MCON 2.8 TERMINAL - LL



TE Part #926933-1
WIRE PIN 18-17 AWG .01 PTPB

Documents

Product Drawings

MCON 2.8 TERMINAL - LL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1670806-1_B.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1670806-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1670806-1_B.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[MCON Interconnection System](#)

English

Product Specifications

[Application Specification](#)

English