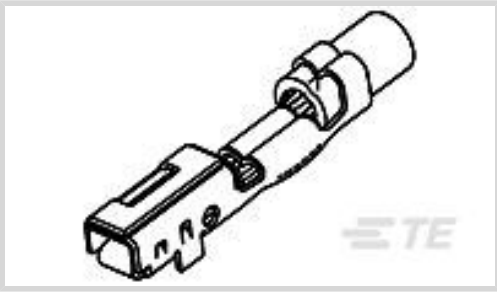




Terminals & Splices > Automotive Terminals > MULTILOCK, RECEPTACLE AND TAB



Terminal & Splice Type: **Receptacle**
Mating Tab Width: **2.3 mm [.091 in]**
Mating Tab Thickness: **.64 mm [.025 in]**
Terminal Transmits: **0 – 24 A (Low Power)**
Wire Size: **22 – 20 AWG**

[All MULTILOCK, RECEPTACLE AND TAB \(144\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Clean Body
Automotive Terminal Wire Type	Copper

Contact Features

Typical Current Rating	15 A
Crimp Type	F-Crimp
Terminal & Splice Type	Receptacle
Mating Tab Width	2.3 mm[.091 in]
Mating Tab Thickness	.64 mm[.025 in]
Automotive Terminal Interface Plating	Tin (Sn)
Contact Termination Area Plating Material	Tin (Sn)

Termination Features

Automotive Terminal Termination Method	Crimp
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Dimensions

Wire Size	.3 – .5 mm ²
Wire Size Search	20 AWG, 21 AWG, 22 AWG



Wire Insulation Diameter	1.5 – 1.7 mm [.06 – .066 in]
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Usage Conditions

Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C [176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F]
Operating Temperature Range	-40 – 125 °C, -40 – 125 °C [-40 – 125 °F]

Packaging Features

Packaging Method	Reel
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Other

Terminal Transmits	0 – 24 A (Low 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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 applicable for solder process capability

Product Compliance Disclaimer

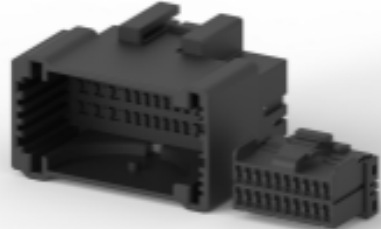
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

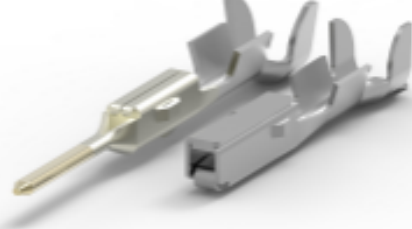




TE Part # 2305570-1
TERMINAL CUTTER, SIDE FEED



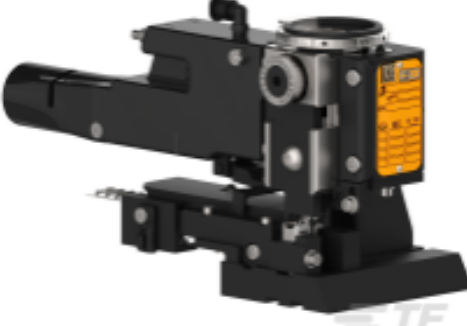
TE Part # CAT-M9194-CH8172
MULTILOCK, CONNECTOR HOUSING



TE Part # CAT-M9194-T273
MULTILOCK, RECEPTACLE AND TAB



TE Part # 2-2836043-1
OCEAN_2.0_Applicator-S-055F090F



TE Part # 2-2836043-2
OCEAN_2.0_Applicator-S-055F090F-A



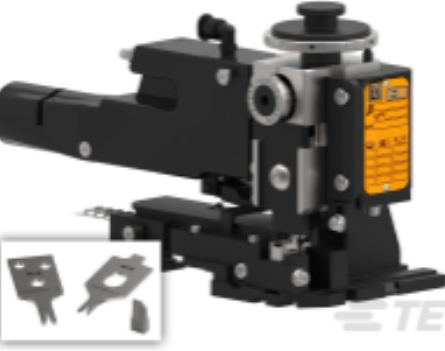
TE Part # 2836043-1
OCEAN_2.0_Applicator-S-055F090F



TE Part # 2836043-2
OCEAN_2.0_Applicator-S-055F090F-A



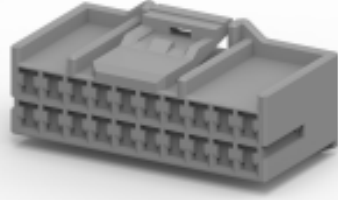
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OCEAN_2.0_Applicator-S-055F090F



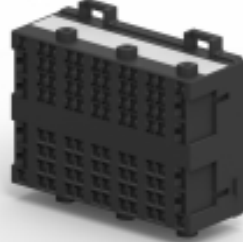
TE Part # 7-2836043-2
OCEAN_2.0_Applicator-S-055F090F-A



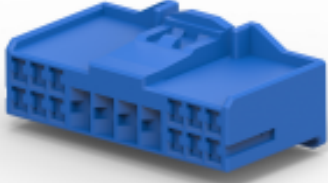
TE Part # 7-2836043-7
OCEAN_2.0_SPARE_PART_KIT-055F090F



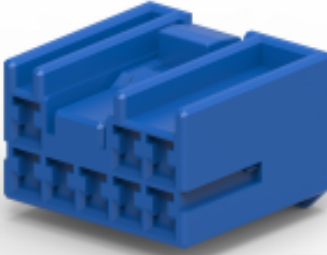
TE Part # 936095-3
090III 20P PLUG ASSY L-GRY



TE Part # 1743037-2
HYBRID 92P PLUG ASSY



TE Part # 368454-8
090/250 HYB 16P PLUG ASSY BLU



TE Part # 936233-8
090III 8P PLUG ASSY BLUE

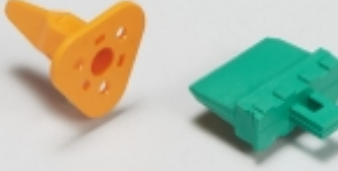
Also in the Series | Multilock Connector System



Automotive Connector Caps & Covers (16)



Automotive Connector EMC Shielding (1)



Automotive Connector Locks & Position Assurance(2)



Automotive Headers(138)



Automotive Housings(576)



Automotive Seals & Cavity Plugs(2)



Automotive Terminals(142)

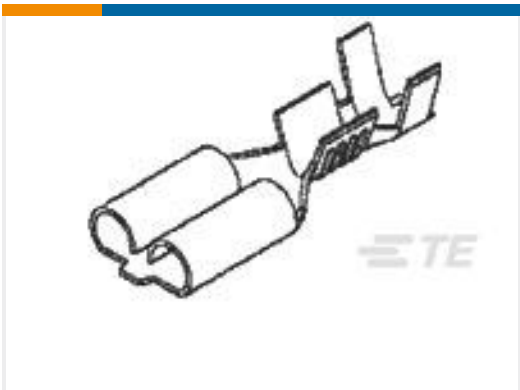


Insertion & Extraction Tools(6)



Other Automotive Connector Accessories(9)

Customers Also Bought



TE Part #170384-2
250 FASTON,REC.,22-20 AWG,TPBR



TE Part #1379668-2
TH/.025 CONNECTOR SYSTEM, HOUSING



TE Part #969044-1
TIMER, RECEPTACLE AND TAB



TE Part #1241388-1
AMP MCP, RECEPTACLE AND TAB



TE Part #1418844-1
MCON, RECEPTACLE AND TAB



TE Part #1674742-1
TH/.025 CONNECTOR SYSTEM, RECEPT AND TAB



TE Part #1743161-2
CLIP HSG FOR 025 CONN 12P



TE Part #1-2299988-1
REC CONN CVR ASSY,65POS,AMP MCP 1.5K

Documents

Product Drawings
090III MLC REC(S) CONT
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1743654-1_A.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1743654-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1743654-1_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[MULTILOCK Connector System](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English