

Multilock Connector System

TE Internal #: 1-368085-1

Receptacle, Mating Tab Width 2.3 mm [.091 in], Tab Thickness .64 mm [.025 in], 22 – 20 AWG Wire Size, Multilock Connector System, Automotive Terminals

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



Terminal 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 \(81\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Clean Body

Contact Features

Contact Size	2.3mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	2.3 mm[.091 in]
Mating Tab Thickness	.64 mm[.025 in]
Interface Plating	Gold (Au)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions



Compatible Insulation Diameter Range	1.1 – 2.3 mm[.043 – .09 in]
Wire Size	.3 – .5 mm²
Wire Size Search	20 AWG, 21 AWG, 22 AWG

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C[176 °F][185 °F][194 °F][212 °F][221 °F]
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Packaging Features

Packaging Quantity	5000
Packaging Method	Reel

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: 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 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 # 368088-1 090III NON SLD TAB(SQ 0.3-0.5)	 TE Part # CAT-M9194-CH8172 MULTILOCK, CONNECTOR HOUSING	 TE Part # 2151251-1 OCEAN_2.0_Applicator-S-071F110F-RSM	 TE Part # 2151251-2 OCEAN_2.0_Applicator-S-071F110F-RSA
 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 5-2151251-1 OCEAN_2.0_Applicator-S-071F110F-RSM	 TE Part # 5-2151251-2 OCEAN_2.0_Applicator-S-071F110F-RSA	 TE Part # 7-2151251-7 OCEAN_2.0_SPARE_PART_KIT-071F110F
 TE Part # 936233-8 090III 8P PLUG ASSY BLUE	 TE Part # 936095-3 090III 20P PLUG ASSY L-GRY	 TE Part # 1743205-1 090III 3P PLUG HSG-FUEL PUMP	 TE Part # 368088-2 090III NON SLD TAB AS STAMP
 TE Part # 1-368084-1 090III N-SLD REC(SQ1.25) GOLD	 TE Part # 1-368170-1 090 MLC 2P PLUG HSG	 TE Part # 368454-8 090/250 HYB 16P PLUG ASSY BLU	

Also in the Series | Multilock Connector System



Automotive Connector Caps & Covers (6)



Automotive Housings(165)



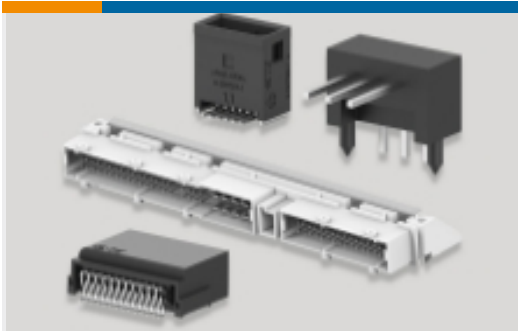
Automotive Terminals(84)



Insertion & Extraction Tools(6)



Other Automotive Connector Accessories(4)



PCB Headers & Receptacles(90)

Customers Also Bought



TE Part #1-794070-1
20P MINI UMNL HDR W/DH AU LF



TE Part #931901-000
2021D0309-0



TE Part #2822395-1
070 ECONOSEAL MARK-2+ PLUG 10P



TE Part #1-2840575-2
PCON12,TERMINAL,FAM SLD/UNSLD



TE Part #2310221-1
CU ALLOY,INNER FERRULE,PCON12, 2P



TE Part #2310222-1
CU ALLOY,OUTER FERRULE,PCON12



TE Part #2310223-1
PROTECTIVE SLEEVE,2POS,PCON12



TE Part #2317017-2
PCON 21,TERMINAL,UNSLD,CB, 90DEG



TE Part #2344532-1
GASKET RING

Documents



Product Drawings

090II N-SLD REC(SQ0.3-0.5)GOLD

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-368085-1_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-368085-1_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-368085-1_H.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