



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



Terminal Type: **Receptacle**

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

Mating Tab Thickness: **.4 mm [.016 in]**

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

Wire Size: **22 – 20 AWG**

[All MULTILOCK, RECEPTACLE AND TAB \(111\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Clean Body

Body Features

Terminal Seal Type	Family Seal
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Contact Features

Contact Size	1.4mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	.8 mm[.031 in]
Mating Tab Thickness	.4 mm[.016 in]
Interface Plating	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire



Dimensions

Compatible Insulation Diameter Range	1.4 – 1.7 mm
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	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Quantity	12000
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 # CAT-M9194-CH8172 MULTILOCK, CONNECTOR HOUSING	TE Part # 2151132-2 OCEAN_2.0_APPLICATOR-S-050F057OA-RSA	TE Part # 1579018-4 INSERTION TOOL	TE Part # 1463405-1 SAHT MINI MULTI LOCK 22-20 ASSY
TE Part # 2151132-1 OCEAN_2.0_APPLICATOR-S-050F057O-RSM	TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	TE Part # 7-2151132-7 OCEAN_2.0_SPARE_PART_KIT-050F057O	

Also in the Series | Multilock Connector System

Automotive Connector Caps & Covers (10)	Automotive Connector Locks & Position Assurance(3)	Automotive Housings(445)	Automotive Terminals(118)
Connector Seals & Cavity Plugs(2)	Insertion & Extraction Tools(6)	Other Automotive Connector Accessories(12)	PCB Headers & Receptacles(134)

Customers Also Bought



TE Part #170140-1
187 FASTON, FLAG, REC., 16-20 AWG, BR

TE Part #1376352-1
TH/.025 CONNECTOR SYSTEM, HOUSING

TE Part #2236793-3
SMARTSEAL TERMINAL

TE Part #2305881-1
CVTY PLUG, 090 SERIES, CVTY DIA, 1, GRY

TE Part #524421-E
MCBP 4 F 2 035 137 * 197 1,27 TRAY VR2 J

TE Part #524441-E
MCBP 6 F 2 035 137 * 197 1,27 TRAY VR2 J

TE Part #524444-E
MCBP 6 F 2 035 137 * 203 1,27 TRAY VR2 J

TE Part #1-965600-1
MQS KAPPE 8P

TE Part #170058-1
FF 110 TAB 24-20AWG BR

Documents

Product Drawings

MINI MLC CONN REC CONT.

English

CAD Files

Customer View Model

ENG_CVM_CVM_917308-1_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_917308-1_E.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_917308-1_E.2d_dxf.zip

English

3D PDF

3D

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

CRIMPING OF MINI-MULTI-LOCK CONNECTOR CONTACTS

English

Instruction Sheets

Mini Multilock Connector

English

Mini Multilock Connector

Japanese