

Multilock Connector System

TE Internal #: 2109005-3

Tab Terminal, Tin (Sn), 1.5 mm [.059 in] Tab Width, .64 mm [.025 in]

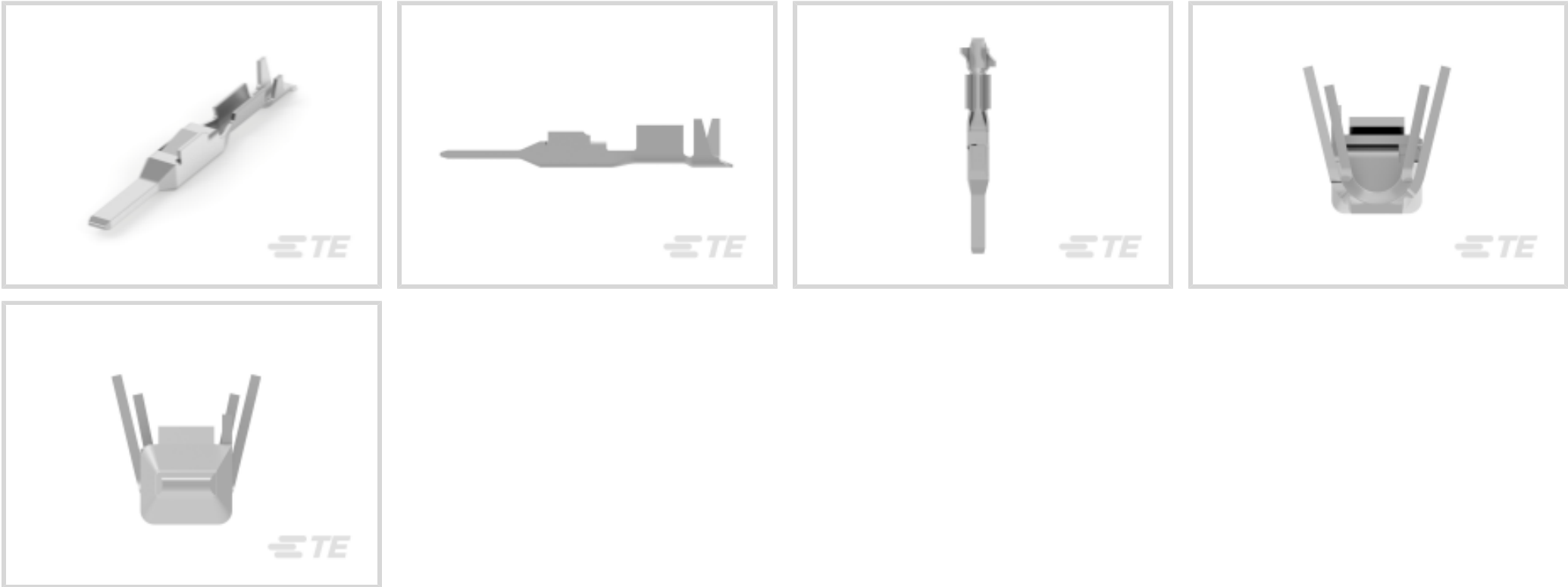
Tab Thickness, 18 – 16 AWG, .85 – 1.25 mm² Wire, Multilock

Connector System

[View on TE.com >](#)



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



Terminal Type: **Tab**
Interface Plating: **Tin (Sn)**
Mating Tab Width: **1.5 mm [.059 in]**
Mating Tab Thickness: **.64 mm [.025 in]**
Terminal Transmits: **0 – 24 A (Low Power)**

[All MULTILOCK, RECEPTACLE AND TAB \(81\)](#)

Features

Industry Standards

Compatible With Agency/Standards Products	OEM
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Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Reel
Packaging Quantity	5000

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 105 °C, 90 °C, 100 °C, 85 °C[212 °F]
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To

Wire

Dimensions

Compatible Insulation Diameter Range	1.8 – 2.4 mm
Wire Size	.85 – 1.25 mm²
Wire Size Search	1.25 mm², 1 mm², .75 mm²

Contact Features

Crimp Type	F-Crimp
Contact Size	1.5mm
Contact Fabrication	Stamped & Formed
Terminal Type	Tab
Interface Plating	Tin (Sn)
Mating Tab Width	1.5 mm[.059 in]
Mating Tab Thickness	.64 mm[.025 in]

Product Type Features

Sealable	No
Primary Locking Feature	Locking Lance

Other

Terminal Transmits	0 – 24 A (Low Power)
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

For compliance documentation, visit the product page on TE.com>

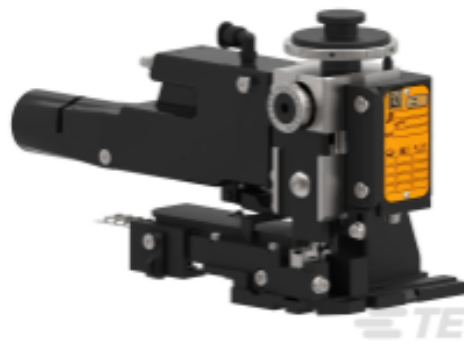
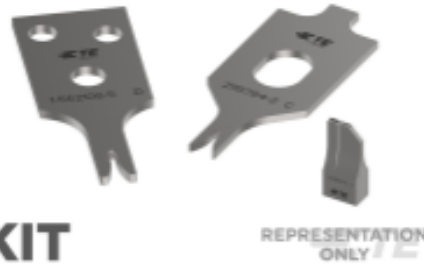
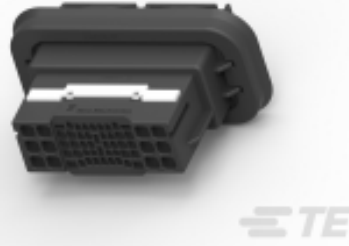
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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



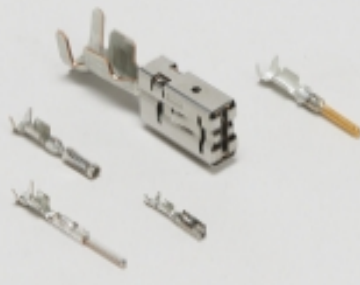
Product Compliance Disclaimer

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

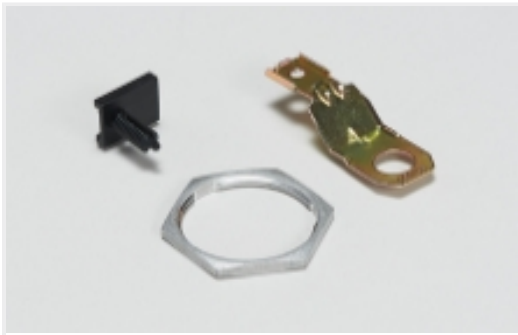
 TE Part # 2370477-1 025/060/110/RF 22P CAP ASSY	 TE Part # 2266963-1 OCEAN-2.0-APPLICATOR-S-070F090BX-RSM	 TE Part # CAT-T319-CH8172 TH/.025 CONNECTOR SYSTEM, HOUSING	 TE Part # 2266963-2 OCEAN-2.0-APPLICATOR-S-070F090BX-RSA
 TE Part # 5-2266953-2 OCEAN_2.0_Applicator-S-104F159O-RSA	 TE Part # 7-2266963-7 OCEAN_2.0_SPARE_PART_KIT-070F090BX	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 2109335-2 025/060/110 DOOR 50P CAP ASSY

Also in the Series | Multilock Connector System

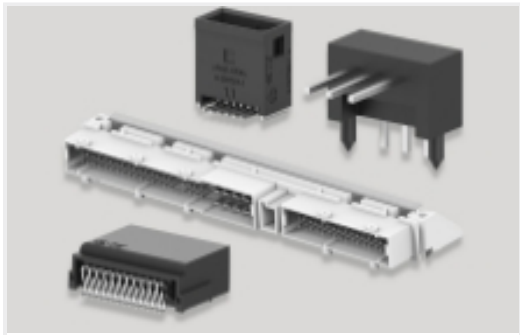
 Automotive Connector Caps & Covers (6)	 Automotive Headers(84)	 Automotive Housings(165)	 Automotive Terminals(84)
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Insertion & Extraction Tools(6)



Other Automotive Connector Accessories(4)



PCB Headers & Receptacles(84)



Wire-to-Board Headers & Receptacles (82)

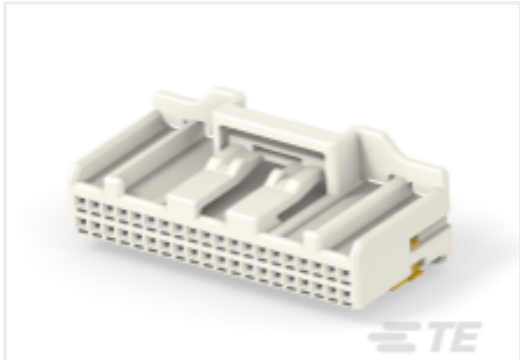
Customers Also Bought



TE Part #185760-1
16W HYBRID RCPT HSG BLACK



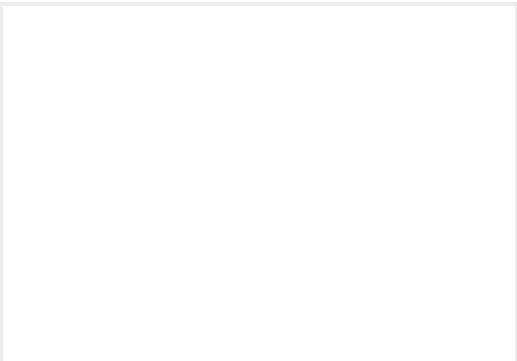
TE Part #1897138-1
GET 39P COVER ASSY 90DEG



TE Part #2379277-1
40POS,TH 025,REC HSG ASSY,UNSLD, COD A



TE Part #1-2321359-2
119POS,HYBRID,REC HSG ASSY,SLD, COD 2



TE Part #1-773119-8
EDS OVERMOLDED 2P ASSY, BLUE



TE Part #2312414-1
ACU 36P COVER HSG



TE Part #2317607-2
26POS,HYBRID,REC HSG ASSY,SLD, COD 1



TE Part #2373974-5
025 14P JOINT CAP ASSY TYPE E



TE Part #2373977-2
025 14P JOINT PLUG ASSY TYPE B



TE Part #936552-2
CLIP HSG FOR 187 CONN BLACK

Documents

Product Drawings
060 TAB(M) CONT

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_2109005-3_A1.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_2109005-3_A1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2109005-3_A1.3d_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

Instruction Sheets

[Instruction Sheet \(non U.S.\)](#)

English