

1456968-3 ✓ ACTIVE

Generation Y Connector System

TE Internal #: 1456968-3

Receptacle Terminal, 22 – 20 AWG, .35 – .5 mm² Wire, .8 mm [.031 in] Tab Width, Silver (Ag), Sealable, Generation Y Connector System

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Terminals & Splices > Automotive Terminals



Terminal Type: **Receptacle**

Wire Size: **22 – 20 AWG**

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

Interface Plating: **Silver (Ag)**

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Clean Body
Sealable	Yes

Body Features

Terminal Seal Type	Family Seal
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Contact Features

Typical Current Rating	8 A
Crimp Type	F-Crimp
Contact Size	.64mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Terminal Type	Receptacle
Mating Tab Width	.8 mm [.031 in]
Interface Plating	Silver (Ag)
Mating Tab Thickness	.64 mm [.025 in]



Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.5 – 1.85 mm [.06 – .072 in]
Wire Size	22 – 20 AWG
Wire Size Search	.35 mm ² , .4 mm ² , .5 mm ²

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	125 °C [212 °F]
Operating Temperature Range	-40 – 150 °C [-40 – 302 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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Industry Standards

Compatible With Agency/Standards Products	SAE/USCAR-2 / USCAR-21
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Packaging Features

Packaging Method	Reel
Packaging Quantity	7500

Other

Customer Preferred Contact	Yes
Terminal Transmits	0 – 24 A (Low Power)

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 3-2151725-2
OCEAN_2.0_APPLICATOR-S-053F061O-SSD



TE Part # 2151725-1
OCEAN_2.0_APPLICATOR-S-053F061O-RSM



TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 3-1579007-6
EXTRACTION TOOL



TE Part # 2151725-2
OCEAN_2.0_APPLICATOR-S-053F061O-RSA



TE Part # 2063291-1
PRO-C HT & DIE GEN Y



TE Part # 2063291-2
DIE GEN Y




TE Part # 7-2151725-7
OCEAN_2.0_SPARE_PART_KIT-053F061O


Also in the Series | Generation Y Connector System




Automotive Connector Caps & Covers (19)



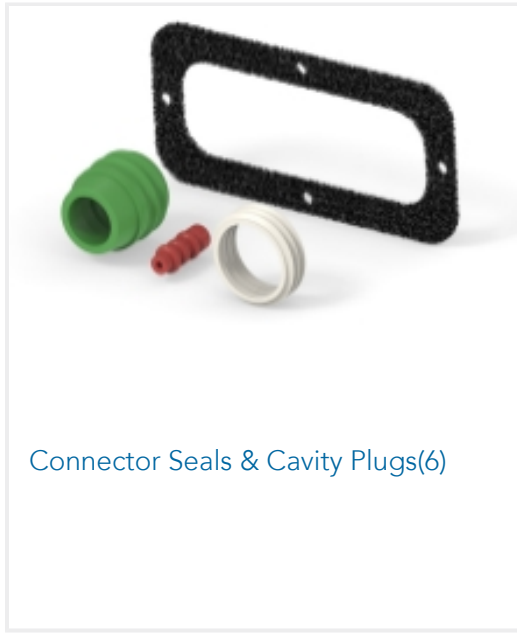
Automotive Headers(13)



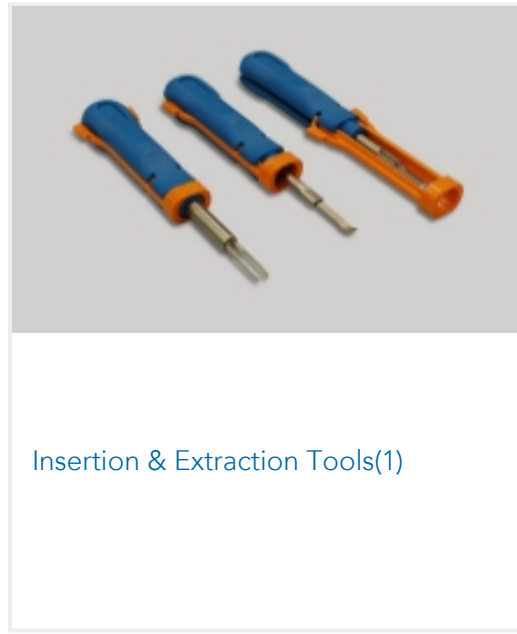
Automotive Housings(138)



Automotive Terminals(43)



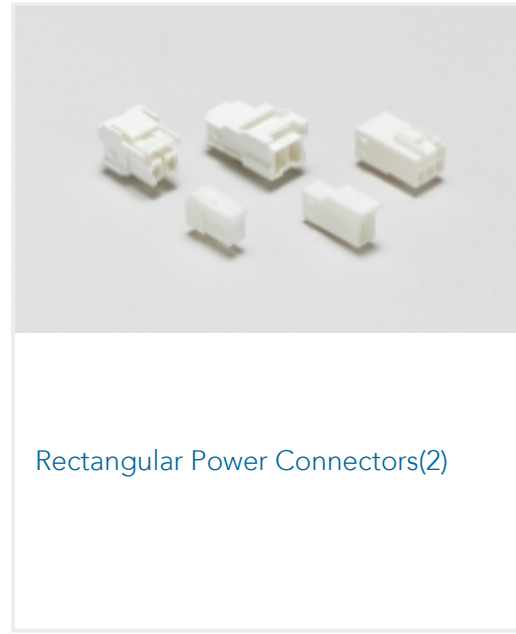
Connector Seals & Cavity Plugs(6)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(13)



Rectangular Power Connectors(2)



Wire-to-Board Headers & Receptacles (12)

Customers Also Bought



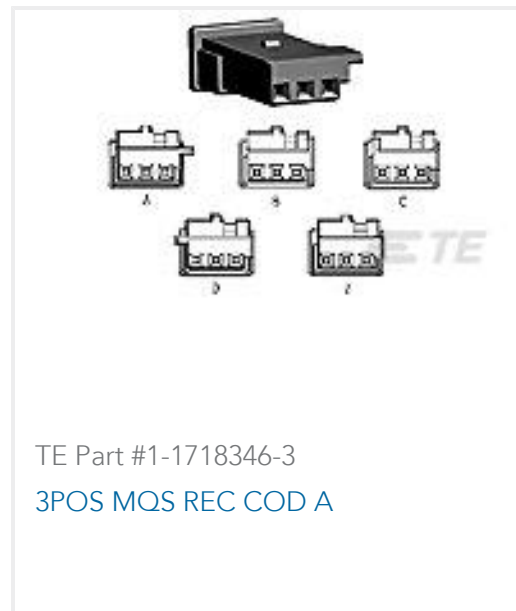
TE Part #1438887-6
JACK HOUSING, 1 POSITION, 180 DEGREE, FA



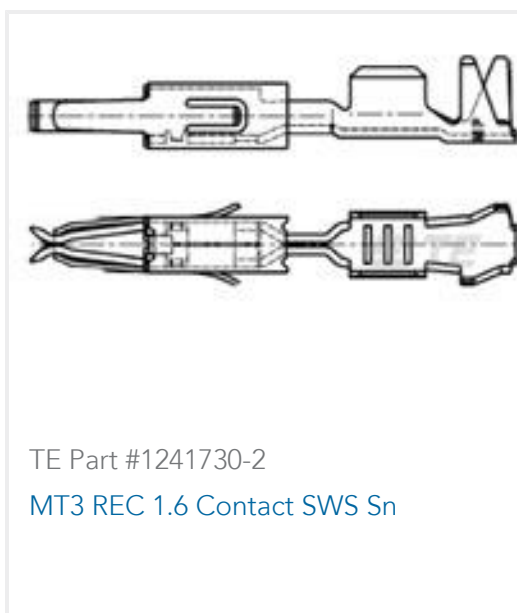
TE Part #1241406-1
AMP MCP 6.3/4.8K, CONTACT



TE Part #1456968-8
CONTACT,FEMALE, 0.64, 0.35SQMM, AG, DIR



TE Part #1-1718346-3
3POS MOS REC COD A



TE Part #1241730-2
MT3 REC 1.6 Contact SWS Sn



TE Part #2005275-3
MT3/JPT/SPT HYB 58P CAP ASSY



TE Part #1-1333201-2
ANVIL, COMBINATION (.055)



TE Part #773119-4
EDS OVERMOLDED 2P ASSY, BLUE



TE Part #1438896-2
SOCKET CONTACT, PLUG, 180 DEGREE, SMB



TE Part #1366753-1
CRIMPER,INS

Documents



Product Drawings

[CONTACT,FEMALE, 0.64, 20 TO 22 AWG, AG](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1456968-3_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1456968-3_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1456968-3_D.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Instruction Sheets

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

English