

Generation Y Connector System

TE Internal #: 1456968-3

Receptacle, Mating Tab Width .8 mm [.031 in], Tab Thickness .64 mm [.025 in], Generation Y Connector System, Automotive Terminals

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Terminals & Splices > Automotive Terminals



Terminal Type: **Receptacle**
Mating Tab Width: **.8 mm [.031 in]**
Mating Tab Thickness: **.64 mm [.025 in]**
Terminal Transmits: **0 – 24 A (Low Power)**
Wire Size: **22 – 20 AWG**

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



Interface Plating	Silver (Ag)
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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	.35 – .5 mm ²
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, 110 °C, 120 °C, 125 °C, 130 °C, 140 °C, 145 °C, 150 °C [176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F][293 °F][302 °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 Quantity	7500
Packaging Method	Reel

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: 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 # 2151725-1 OCEAN_2.0_APPLICATOR-S-053F061O-RSM	TE Part # 7-2151725-7 OCEAN_2.0_SPARE_PART_KIT-053F061O	TE Part # 3-1579007-6 EXTRACTION TOOL	TE Part # 2063291-1 PRO-C HT & DIE GEN Y
TE Part # 2151725-2 OCEAN_2.0_APPLICATOR-S-053F061O-RSA	TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	TE Part # 2063291-2 DIE GEN Y	TE Part # 3-2151725-2 OCEAN_2.0_APPLICATOR-S-053F061O-SSD

Also in the Series | Generation Y Connector System



Automotive Connector Caps & Covers
(21)



Automotive Housings(157)



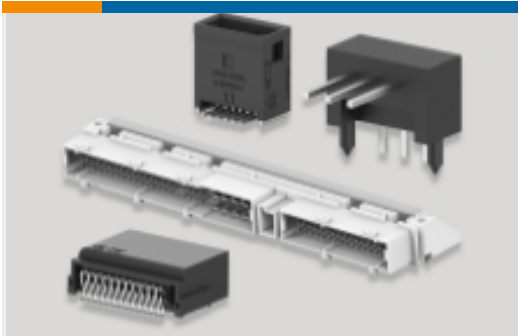
Automotive Terminals(46)



Connector Seals & Cavity Plugs(6)

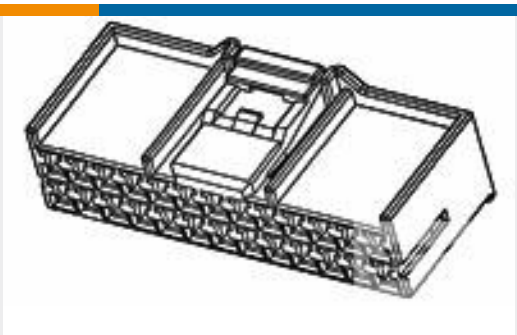


Insertion & Extraction Tools(1)



PCB Headers & Receptacles(19)

Customers Also Bought



TE Part #936233-1
090III 8P PLUG ASSY



TE Part #1456968-4
CONTACT,FEMALE, 0.64, 18 AWG, AG



TE Part #2-2236896-1
2POS, MCON 1.2 LL REC SEALED



TE Part #2005071-2
MT-III 20P PLUG ASSY



TE Part #2209954-3
AIRBAG 24P COVER ASSY



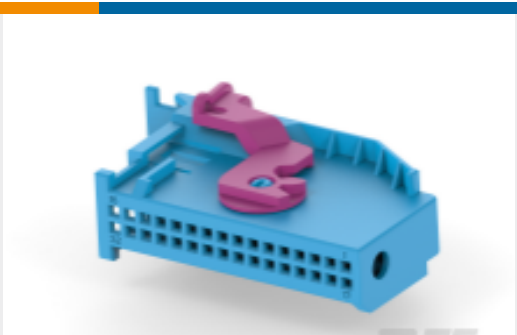
TE Part #2296537-1
MONO MCON1.2 REC TERMINAL



TE Part #2296537-3
REM MONO 1.2 TERMINAL



TE Part #2301239-1
DTB TAB HSG ASSY, 49POSN.,
FAKRA TYPE



TE Part #2050723-2
COVER FOR MQS HSG 2x16 POS
ASSY



TE Part #1438098-1
40 WAY PLUG ASSY KEY H

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

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

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English