1456968-1 ✔ ACTIVE

Generation Y Connector System

TE Internal #: 1456968-1

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

Industry Standards

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

Operation/Application

Compatible With Wire Base Material	Copper

Packaging Features

Packaging Method	Reel
Packaging Quantity	7500

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	130 °C, 80 °C, 125 °C, 105 °C, 90 °C, 100 °C, 85 °C, 145 °C, 150 °C, 140 °C, 110 °C, 120 °C[293 °F][248 °F][221 °F][230 °F][176 °F][194 °F][302 °F][284 °F][185 °F][212 °F][266 °F][257 °F]
Operating Temperature Range	-40 – 150 °C[-40 – 302 °F]

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.5 – 1.85 mm[.059 – .073 in]
Wire Size	.35 – .5 mm²
Wire Size Search	.35 mm², .5 mm², .4 mm²

Contact Features

Typical Current Rating	9 A
Crimp Type	F-Crimp
Contact Size	.64mm
Contact Fabrication	Stamped & Formed
Terminal Type	Receptacle
Mating Tab Width	.8 mm[.031 in]
Mating Tab Thickness	.64 mm[.025 in]
Interface Plating	Silver (Ag)

Product Type Features

Sealable	Yes
Primary Locking Feature	Clean Body

Body Features

Terminal Seal Type	Family Seal

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 # 3-1579007-6
EXTRACTION TOOL



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

TE Part # 2063291-2
DIE GEN Y



TE Part # 2112857-1
3POS,0.64 GENER. Y,REC HSG,ASS

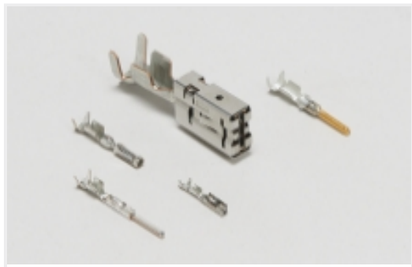
Also in the Series | Generation Y Connector System



Automotive Connector Caps & Covers (19)



Automotive Housings(146)



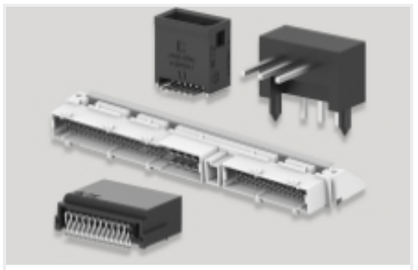
Automotive Terminals(44)



Connector Seals & Cavity Plugs(6)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(16)

Customers Also Bought



TE Part #DRC20-60P05
DEUTSCH DRC Headers



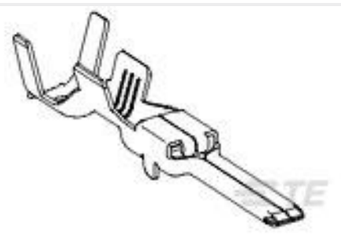
TE Part #2138557-1
2P GENERATION Y Plug, Single-P



TE Part #2288274-1
24P HYBRID 0.64/2.8 PLUG ASSY, A KEY



TE Part #1924639-1
1X8 FEMALE ASSY KEY C, LP LATC



TE Part #1326031-3
2.8MM BLD,SEAL,18AWG



TE Part #2098660-1
32P Shield, GY HandMate



TE Part #2098216-1
32P Carrier, GY



TE Part #1-1563844-3
MCON 9.5,CONTACT



TE Part #2425741-1
2POS,AMP MCP 2.8K,REC HSG ASSY, SLD

Documents

Product Drawings

CONTACT,FEMALE, 0.64, 20 TO 22 AWG, AG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1456968-1_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1456968-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1456968-1_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