

Generation Y Connector System

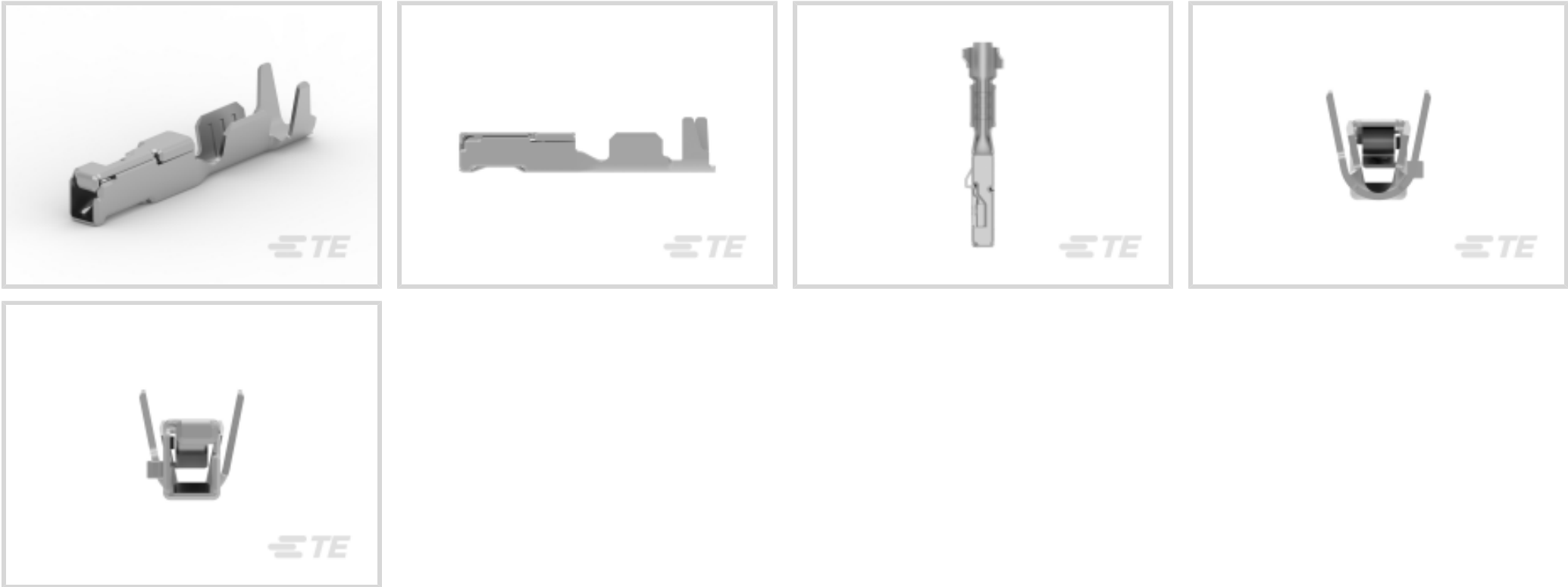
TE Internal #: 2035170-1

Receptacle, Mating Tab Width .64 mm [.025 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: **.64 mm [.025 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
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Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Package
Packaging Quantity	7500

Usage Conditions

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

Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To

Wire

Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Clean Body

Dimensions

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

Other

Customer Preferred Contact	Yes
Terminal Transmits	0 – 24 A (Low Power)
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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	.64 mm[.025 in]
Mating Tab Thickness	.64 mm[.025 in]
Interface Plating	Tin (Sn)

Body Features

Terminal Seal Type	Family Seal
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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

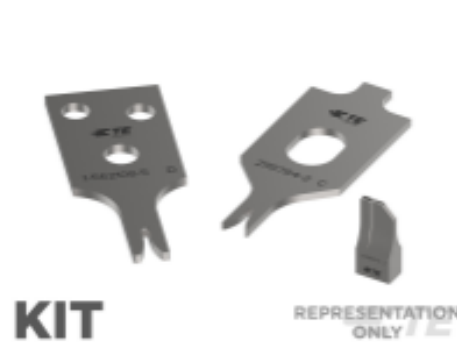
Solder Process Capability

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 # 2151725-1 OCEAN_2.0_APPLICATOR-S-053F061O-RSM	 TE Part # 7-2151725-7 OCEAN_2.0_SPARE_PART_KIT-053F061O	 TE Part # 3-2098269-1 10P Plug Assembly (2x5), Gener	 TE Part # 2063291-1 PRO-C HT & DIE GEN Y
 TE Part # 2098269-1 10P Plug Assembly (2x5), Gener	 TE Part # 2151725-2 OCEAN_2.0_APPLICATOR-S-053F061O-RSA	 TE Part # 2291594-1 Plug Assembly,10P Unsealed USCAR, G-Y	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp





TE Part # 3-2098269-2
10P Plug Assembly (2x5), Gener



TE Part # 3-2098269-6
10P Plug Assembly (2x5), Gener



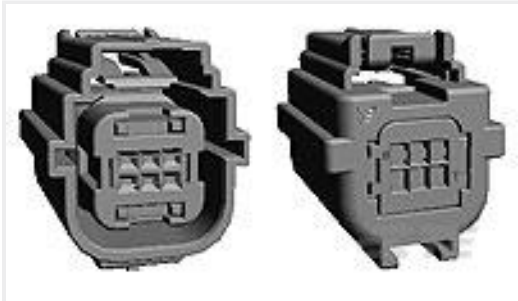
TE Part # 3-2098269-8
10P Plug Assembly (2x5), Gener



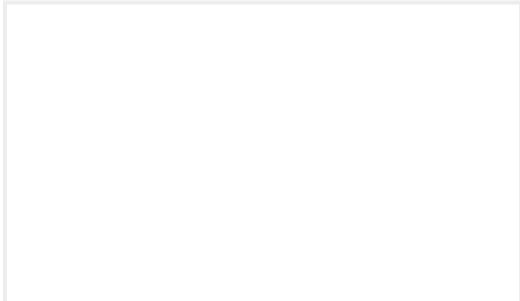
TE Part # 4-2098269-6
10P Plug Assembly (2x5), Gener



TE Part # 2098269-2
10P Plug Assembly (2x5), Generation Y, B



TE Part # 1924211-1
ASSY, PLUG, 2X3, SEALED, 0.64, OPEN



TE Part # 2063291-2
DIE GEN Y



TE Part # 3-2151725-2
OCEAN_2.0_APPLICATOR-S-053F061O-SSD



TE Part # 5-2098269-5
10Pos, Plug Assy, Generation Y, Sealed



TE Part # 5-2098269-6
10Pos, Plug Assy, Generation Y, Sealed



TE Part # 1924211-3
ASSY, PLUG, 2X3, SEALED, 0.64, BLKD

Also in the Series | Generation Y Connector System



Automotive Connector Caps & Covers (19)



Automotive Housings(146)



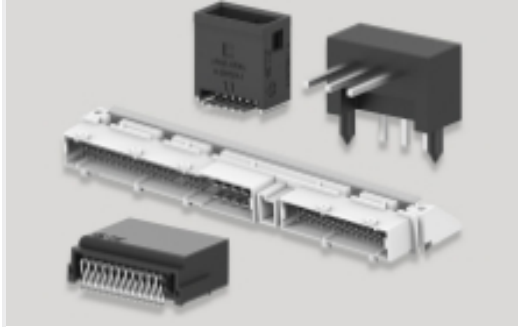
Automotive Terminals(44)



Connector Seals & Cavity Plugs(6)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(16)

Customers Also Bought





TE Part #9-1718346-1
MQS, CONNECTOR HOUSING



TE Part #2287452-2
MULTILOCK, CONNECTOR HOUSING



TE Part #2209954-1
AIRBAG 24P COVER ASSY



TE Part #1-2359439-3
PLASTIC CARRIER,25POS,CODE C



TE Part #2293641-3
PLUG HOUSING BODY 0.50 HSL
CONN. KEY-C



TE Part #2278922-1
RETAINER



TE Part #2322637-1
12POS,MQS,REC HSG,UNSLD



TE Part #2322905-3
REC CONN CVR ASSY,75POS,MQS

Documents

Product Drawings

CONTACT,FEMALE, 0.64, 20-22, C

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2035170-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2035170-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2035170-1_C.3d_stp.zip

English

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Product Specifications

Application Specification

English