

Generation Y Connector System

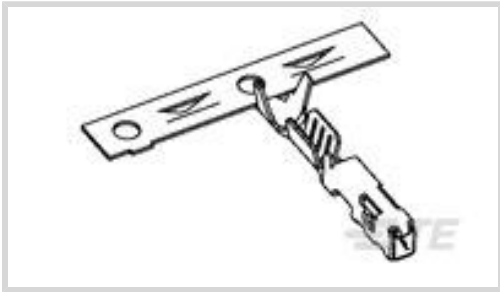
TE Internal #: 1924955-2

Receptacle, Mating Tab Width .8 mm [.031 in], Tab Thickness .64 mm [.025 in], 18 AWG Wire Size, 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: **18 AWG**

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Clean Body

Contact Features

Contact Size	.64mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Typical Current Rating	10 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	.8 mm[.031 in]
Mating Tab Thickness	.64 mm[.025 in]
Interface Plating	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	2.06 mm[.081 in]
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Wire Size	.82 mm²
Wire Size Search	18 AWG

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C[176 °F][185 °F] [194 °F][212 °F]
Operating Temperature Range	-40 – 100 °C[-40 – 212 °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

Terminal Transmits	0 – 24 A (Low Power)
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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

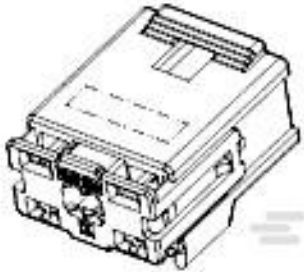
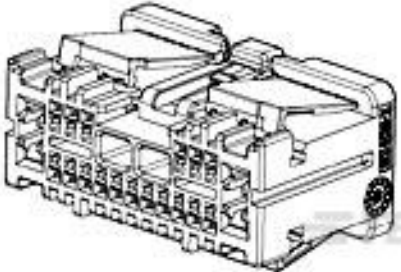
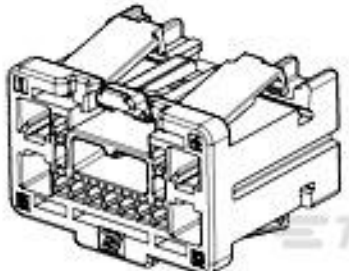
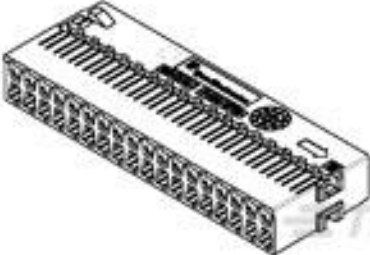
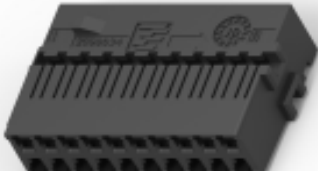
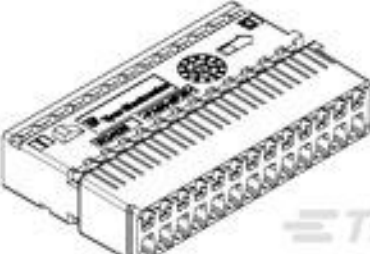
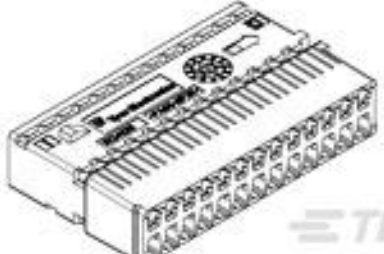
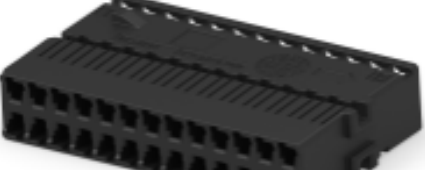
Product Compliance Disclaimer

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 # 1456471-1 8p Hybrid 0.64/2.8 Unsealed PI	 TE Part # 2035363-4 1X6 GENERATION Y ASSY KEYC CPA	 TE Part # 2288274-1 24P HYBRID 0.64/2.8 PLUG ASSY, A KEY	 TE Part # 1924126-1 21p Hybrid - 1pc Unsealed Plug, Key A KEY
 TE Part # 1924667-1 13p Hybrid - 1pc Unsealed Plug, Key A	 TE Part # CAT-T319-CH8172 TH/.025 CONNECTOR SYSTEM, HOUSING	 TE Part # 2035363-1 1X6 GENERATION Y ASSY KEY B	 TE Part # 1924341-1 18P, 1 Row Carrier for 54P LAC
 TE Part # 1924340-1 36P, 2 Row Carrier for 54P LAC	 TE Part # 2098634-1 Carrier, 20P, GY LAC, Black	 TE Part # 2098216-1 32P Carrier, GY	 TE Part # 2288276-1 Assy, Plug, USCAR, GenY, 20p, Key A, No CPA
 TE Part # 1924136-2 Carrier, 26P Generation Y, 52P Conn	 TE Part # 1924136-1 Carrier, 26P Generation Y, 52P Conn	 TE Part # 1924136-3 Carrier, 26P GenerationY, Hand Mate Conn	 TE Part # 2035360-1 1X4 GENERATION Y ASSY KEY A



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

TE Part # 1-2035077-1
PLUG HSG, 4 POSN HYBRID 0.64/2.8

TE Part # 1-2035077-2
PLUG HSG, 4 POSN HYBRID 0.64/2

TE Part # 1-2035077-3
PLUG HSG, 4 POSN HYBRID 0.64/2

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 #1-963226-1
42P SOCKET HOUSING MIX KPL

TE Part #2041307-1
RJ45, Shielded, Offset, DIP, 6u", H=8.2

TE Part #1393367-1
V23540X7000Y 11=GET-FEM TERM S

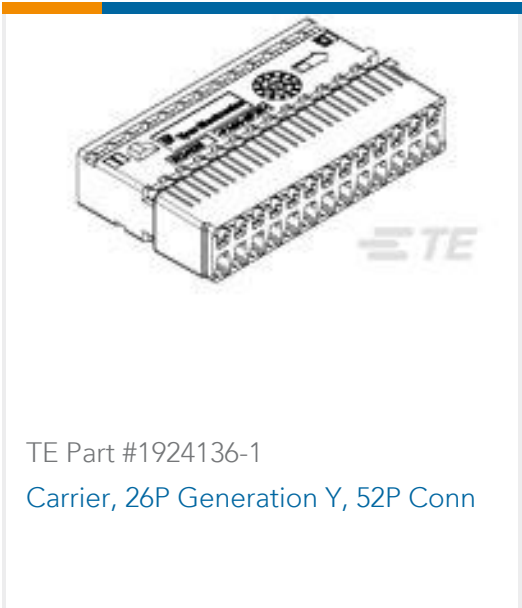
TE Part #2035363-1
1X6 GENERATION Y ASSY KEY B

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

TE Part #1924346-3
Shield Assy, 52P Generation Y, LAC, BF

TE Part #2098633-1
40P Shield Assy, GY LAC

TE Part #1924136-2
Carrier, 26P Generation Y, 52P Conn



Documents

Product Drawings

CONTACT,FEMALE0.64,18AWG,UNSEALED

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1924955-2_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1924955-2_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1924955-2_D.3d_stp.zip

English

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Product Specifications

Application Specification

English