

1924955-1 ✓ ACTIVE

Generation Y Connector System

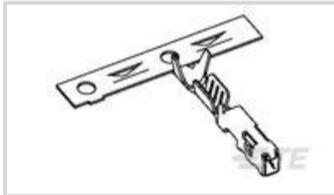
TE Internal #: 1924955-1

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

[View on TE.com >](#)



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	No
Primary Locking Feature	Clean Body

Contact Features

Contact Size	.64mm
Contact Fabrication	Stamped & Formed
Typical Current Rating	9 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)
Contact Termination Area Plating Material	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Wire Size	.35 – .5 mm ²
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Wire Size Search	20 AWG, 21 AWG, 22 AWG
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Wire Insulation Diameter	1.5 – 1.85 mm [.059 – .073 in]
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Usage Conditions

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

Compatible With Wire Base Material	Copper
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Industry Standards

Agency/Standard	SAE/USCAR-2 / USCAR-21
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Packaging Features

Packaging Method	Reel
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Packaging Quantity	7500
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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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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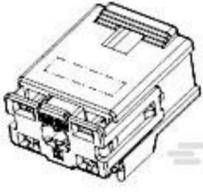
Solder Process Capability	Not applicable for solder process capability
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Product Compliance Disclaimer

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



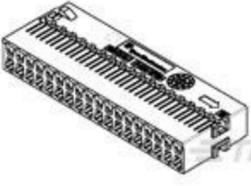
TE Part # CAT-T319-CH8172
TH/.025 CONNECTOR SYSTEM, HOUSING



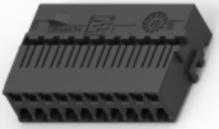
TE Part # 2035363-1
1X6 GENERATION Y ASSY KEY B



TE Part # 1924341-1
18P, 1 Row Carrier for 54P LAC



TE Part # 1924340-1
36P, 2 Row Carrier for 54P LAC



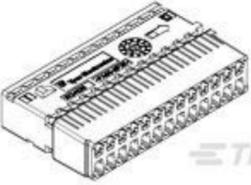
TE Part # 2098634-1
Carrier, 20P, GY LAC, Black



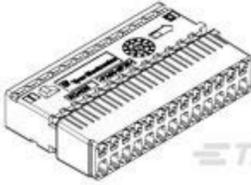
TE Part # 2098216-1
32P Carrier, GY



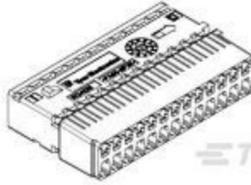
TE Part # 2288276-1
Assy, Plug, USCAR, GenY, 20p, Key A, No CPA



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



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



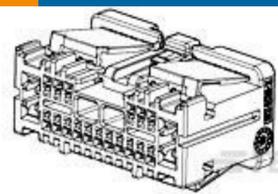
TE Part # 1-2035077-2
PLUG HSG, 4 POSN HYBRID 0.64/2



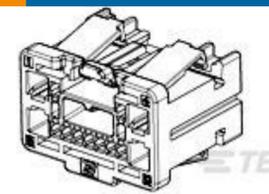
TE Part # 1-2035077-3
PLUG HSG, 4 POSN HYBRID 0.64/2



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



TE Part # 1924126-1
21p Hybrid - 1pc Unsealed Plug, Key A



TE Part # 1924667-1
13p Hybrid - 1pc Unsealed Plug, Key A

Also in the Series | Generation Y Connector System



Automotive Connector Caps & Covers
(16)



Automotive Housings(153)



Automotive Terminals(39)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(15)

Documents

Product Drawings

[CONTACT,FEMALE0.64,20-22AWG,UNSEAL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1924955-1_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1924955-1_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1924955-1_D.3d_stp.zip](#)

English



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Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English