1456471-1 ✔ ACTIVE

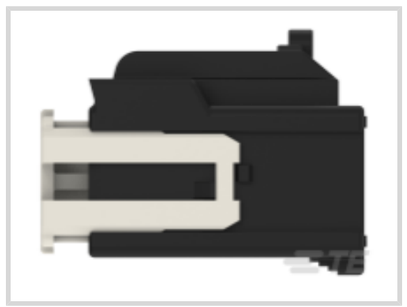
Generation Y | Generation Y Connector System

TE Internal #: 1456471-1

12 V, 8 Position, Automotive Housing for Female Terminals, Wire-to-Board / Wire-to-Device, Generation Y Connector System

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings




Nominal Voltage Architecture: **12 V**

Connector & Housing Type: **Housing for Female Terminals**

Number of Positions: **8**

Sealable: **No**

Operating Temperature Range: **-40 – 85 °C [-40 – 185 °F]**

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Sealable	No
Primary Locking Feature	Integrated in Housing, On the Terminal
Connector System	Wire-to-Board, Wire-to-Device
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	8
Number of Rows	2

Electrical Characteristics

Operating Voltage	14 VDC
Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	A

Contact Features

Contact Size	.64mm, 2.8mm
Contact Type	Receptacle
Mating Tab Width	.64 mm, 2.8 mm[.025 in][.11 in]
Contact Current Rating (Max)	7 A, 20 A

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	Yes
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Nylon 6/6 GF35
Centerline (Pitch)	2.54 mm, 12.9 mm[.1 in][.508 in]

Dimensions

Row-to-Row Spacing	2.54 mm, 7.1 mm[.1 in][.279 in]
Product Width	27.7 mm[1.09 in]
Product Length	21.42 mm[.843 in]
Connector Height	21 mm[.827 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
Operating Temperature (Max)	85 °C[185 °F]

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Quantity	1
Packaging Method	Package

Other

Serviceable	Yes

Connector Position Assurance Capable	No

Product Compliance

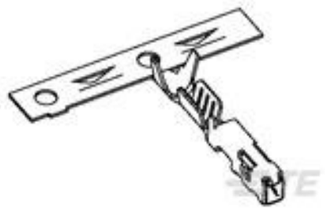
For compliance documentation, visit the product page on TE.com>

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

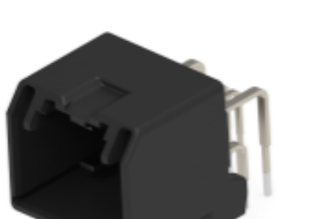
Product Compliance Disclaimer

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 # 1924955-1
CONTACT,FEMALE0.64,20-22AWG, UNSEAL



TE Part # 1456468-1
8p Hybrid 0.64/2.8 Unsealed Header Assy



TE Part # 1924955-4
CONTACT,FEMALE0.64,18AWG, UNSEALED



TE Part # 1924955-3
CONTACT,FEMALE0.64,20-22AWG, UNSEAL



TE Part # 1924955-7
CONTACT,FEMALE0.64,0.13SQMM, UN



TE Part # CAT-A11-T273
1.5/2.8 CONNECTOR SYSTEM, RECPT AND TAB



TE Part # 1924955-2
CONTACT,FEMALE0.64,18AWG, UNSEALED

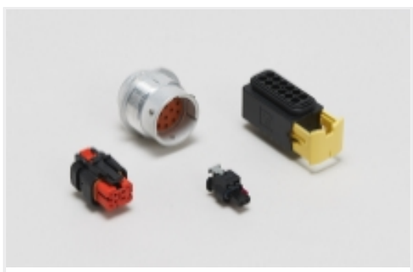


TE Part # 1924955-5
CONTACT,FEMALE0.64,0.13SQMM, UN

Also in the Series | Generation Y Connector System



Automotive Connector Caps & Covers (19)



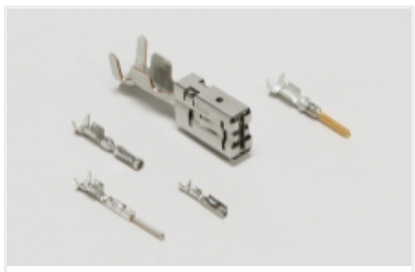
Automotive Housings(139)



Automotive Seals & Cavity Plugs(6)



Automotive Signal & Power Headers (13)



Automotive Terminals(43)

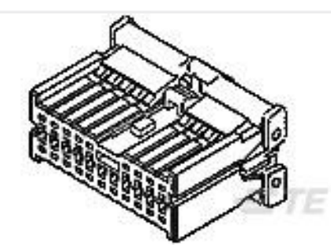
Customers Also Bought

TE Part #170014-6
FF 110 TAB 20-16AWG PTBR

TE Part #170037-2
187 FASTON,REC.,20-16 AWG,TPBR

TE Part #170456-2
PL 250 AM REC 12-10 0.40 X 21 PRE-TPBR

TE Part #963292-1
WIRE SEALING 2,2



TE Part #1123371-1
040-3 MLC PLUG HSG ASSY 16P



TE Part #1326140-1
32WAY LAC SHIELD ASSEMBLY 70 D



TE Part #1-1355200-1
MCP2,8BU-GEH ASSY2P



TE Part #2237049-1
0.64 III 16P PLUG ASSEMBLY



TE Part #1-2282364-1
AMP MCP 2.8, CONTACT SWS LANCELESS

TE Part #2112758-1
COVER

Documents

Product Drawings

8p Hybrid 0.64/2.8 Unsealed Pl

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1456471-1_A_c-1456471-1-a.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1456471-1_A_c-1456471-1-a.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1456471-1_A_c-1456471-1-a.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English