1456471-1 ✔ ACTIVE

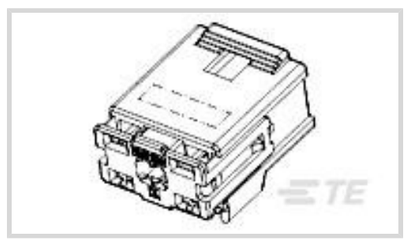
Generation Y Connector System

TE Internal #: 1456471-1

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

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings



Connector System: **Wire-to-Board, Wire-to-Device**

Number of Positions: **8**

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

Centerline (Pitch): **2.54 mm, 13.92 mm [.1 in, .548 in]**

Sealable: **No**

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector System	Wire-to-Board, Wire-to-Device
Connector & Housing Type	Housing for Female Terminals
Sealable	No
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	8
Number of Rows	2

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]

Mechanical Attachment

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

Housing Features

Housing Material	PA GF
Centerline (Pitch)	2.54 mm, 13.92 mm[.1 in][.548 in]

Dimensions

Connector Height	21 mm[.827 in]
Product Width	24.7 mm[.972 in]
Product Length	21.42 mm[.843 in]
Row-to-Row Spacing	4.5 mm[.177 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C[158 °F][167 °F][176 °F][185 °F]
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Operation/Application

Circuit Application	Signal

Packaging Features

Packaging Quantity	1
Packaging Method	Package

Other

Serviceable	Yes
Connector Position Assurance Capable	Yes

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



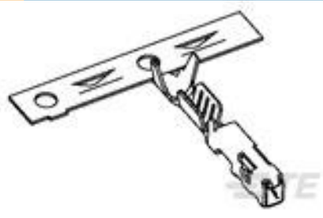
TE Part # 1456468-1
8p Hybrid 0.64/2.8 Unsealed Header Assy



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



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



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



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



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



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

Also in the Series | Generation Y Connector System



Automotive Connector Caps & Covers (21)



Automotive Housings(157)



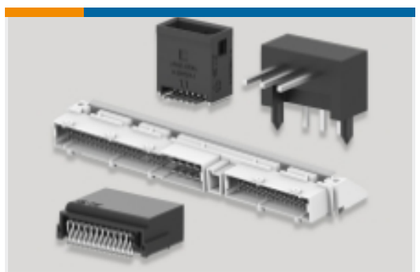
Automotive Terminals(46)



Connector Seals & Cavity Plugs(6)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(19)

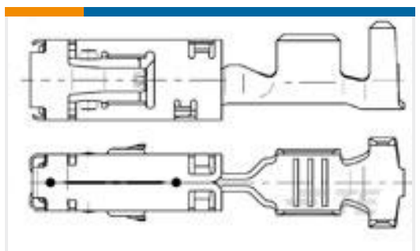
Customers Also Bought



TE Part #3371890007
ES-CAP-NO.1-C1-0-50MM



TE Part #2-1355200-2
MCP2,8REC HSG ASY2P



TE Part #967543-1
SENSOR FLA-KONT 2,8



TE Part #316832-1
040-3 SEALED CONT. REC. S



TE Part #1924878-1
GET, FEMALE TERMINAL, AGSN, TH



TE Part #2236793-3
SMARTSEAL TERMINAL



TE Part #1612121-4
SQUIB 2POS PLUG HSG



TE Part #1827120-1
SQUIB LOCKING BUTTON



TE Part #2272975-5
6 Pos. Sealed MCON 1.2 Connect



TE Part #2301724-5
16POS,060 SERIES,REC HSG,UNSLD

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

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

2310537-1 3-1393225-0 917696-1 ROX05SJ18R SBCHE64R7K 1393431-1 1743455-2 1969656-1 2-292161-3 2005330-1 3631B101LL MPT100C18RF 1-794222-0 1-962915-1 141991-2 2380312-2 CPF0402B37K4E1 175977-2 2834055-1 SBCHE154R7K 3430B2F51RTDF U5254-000005-030PA 1903112-2 2377783-2 936348-1 TE50BR39J 650075-000 CRGCQ2010J3K3 RH73H2A40MKTN SMW73R0JT