1438759-1 ✔ ACTIVE

Multilock Connector System

TE Internal #: 1438759-1

Wire-to-Wire, 22 Position, 2.5 mm [.098 in] Centerline, White, Signal, Cable Mount (Free-Hanging), Multilock Connector System

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings > MULTILOCK, CONNECTOR HOUSING



Connector System: **Wire-to-Wire**

Number of Positions: **22**

Centerline (Pitch): **2.5 mm [.098 in]**

Sealable: **No**

Mating Tab Width: **1 mm [.039 in]**

All MULTILOCK, CONNECTOR HOUSING (393)

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector System	Wire-to-Wire
Sealable	No

Configuration Features

Number of Positions	22
Number of Rows	2

Body Features

Primary Product Color	White
Connector & Keying Code	B

Contact Features

Contact Size	1mm
Mating Tab Width	1 mm[.039 in]

Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Keyed

Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT
Centerline (Pitch)	2.5 mm[.098 in]

Dimensions

Connector Height	25.55 mm[1.006 in]
Product Width	19.75 mm[.778 in]
Product Length	38 mm[1.496 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F]
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Operation/Application

Circuit Application	Signal

Packaging Features

Packaging Quantity	45
Packaging Method	Package

Other

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 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

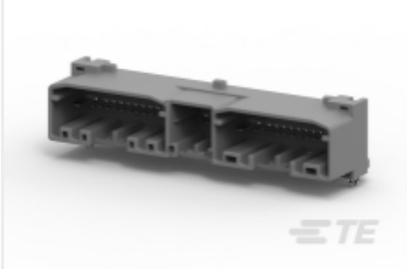
Solder Process Capability

Not applicable for solder process capability

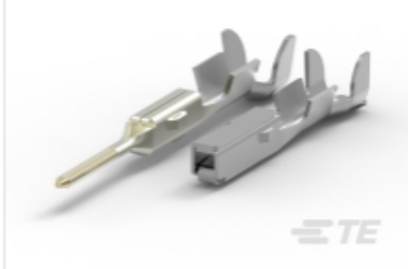
Product Compliance Disclaimer

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 # 9-1438743-6
54way Hyb .040/2.8 Tails Down Cap Assy



TE Part # CAT-M9194-T273
MULTILOCK, RECEPTACLE AND TAB

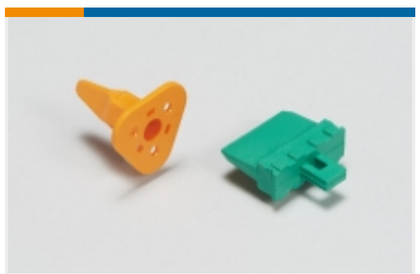


TE Part # CAT-A11-T273
1.5/2.8 CONNECTOR SYSTEM, RECPT AND TAB

Also in the Series | Multilock Connector System



Automotive Connector Caps & Covers (10)



Automotive Connector Locks & Position Assurance(3)



Automotive Housings(445)



Automotive Terminals(117)



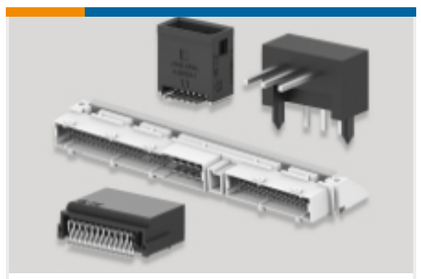
Connector Seals & Cavity Plugs(2)



Insertion & Extraction Tools(6)



Other Automotive Connector Accessories(12)

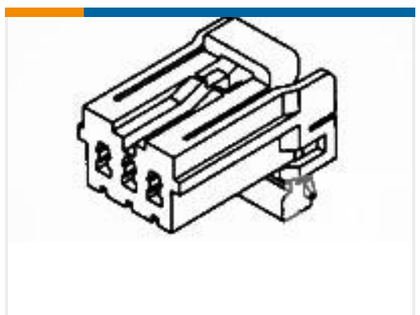


PCB Headers & Receptacles(134)

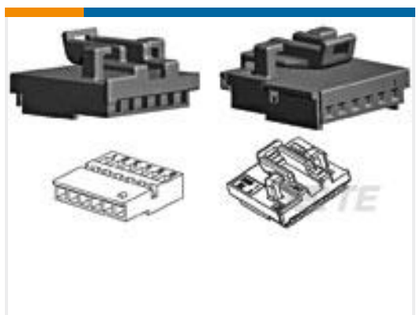
Customers Also Bought



TE Part #1745068-1
AMP Unsealed Connector Housing



TE Part #174922-1
070 MLC W-W PLUG HSG 4P NATURA



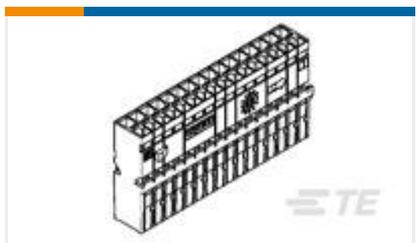
TE Part #284802-1
6POS MQS REC COD A



TE Part #1-963735-1
TAB 5.8x0.8 CONTACT CS SRC Sn



TE Part #1564980-1
AMP MCP 1.5K, CONTACT



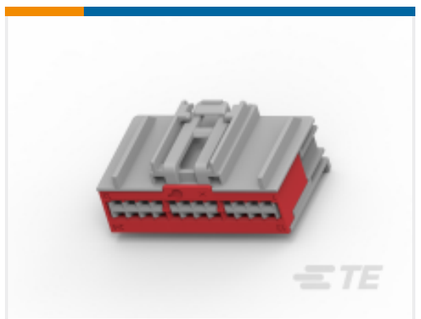
TE Part #1326141-1
32WAY LAC RECEPTACLE CARRIER H



TE Part #2297907-1
12 WAY IN-LINE REC PLUG ASSY



TE Part #1456968-3
CONTACT,FEMALE, 0.64, 20 TO 22 AWG, AG



TE Part #1-1452839-5
24 POS FEMALE HSG ASSY

Documents

Product Drawings

22WAY HYBRID .040/2.8 PLUG ASSY KEY 'B'

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1438759-1_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1438759-1_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1438759-1_E.3d_stp.zip

English

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

Datasheets & Catalog Pages

MULTILOCK Connector System

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Unikeyic Electronics

Global Electronic Components Distributor

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

TE Connectivity:

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