

638207-6 ✓ ACTIVE

Multilock Connector System

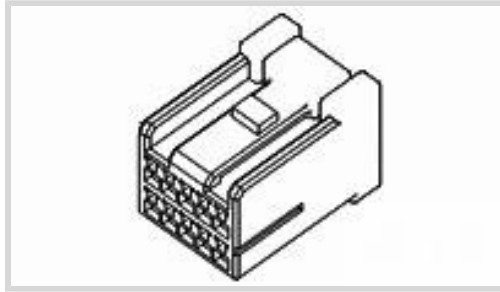
TE Internal #: 638207-6

Wire-to-Wire, 10 Position, 2.5 mm [.098 in] Centerline, Gray, 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: **10**

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	No
Connector Shape	Rectangular
Connector System	Wire-to-Wire
Sealable	No

Configuration Features

Number of Positions	10
Number of Rows	2

Body Features

Primary Product Color	Gray
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Contact Features

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

Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Polarization Slot
Mating Alignment	With



Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

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

Dimensions

Connector Height	21 mm [.827 in]
Product Width	18.4 mm [.724 in]
Product Length	14 mm [.551 in]
Row-to-Row Spacing	5.2 mm [.205 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
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Packaging Features

Packaging Quantity	100
Packaging Method	Package

Other

Serviceable	No
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

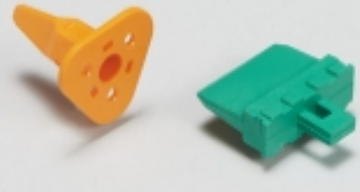


TE Part # CAT-SIGH262
Signal Header


Also in the Series | Multilock Connector System



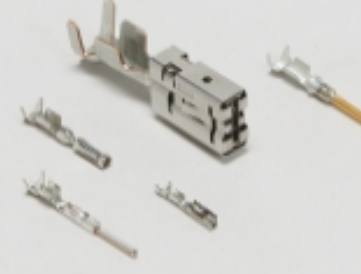
Automotive Connector Caps & Covers (10)




Automotive Connector Locks & Position Assurance(3)




Automotive Housings(445)




Automotive Terminals(118)



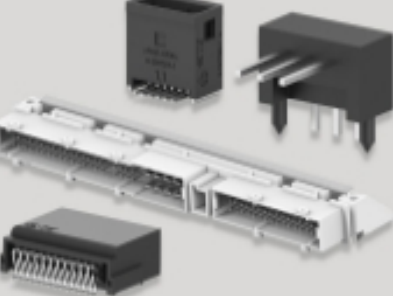
Connector Seals & Cavity Plugs(2)



Insertion & Extraction Tools(6)

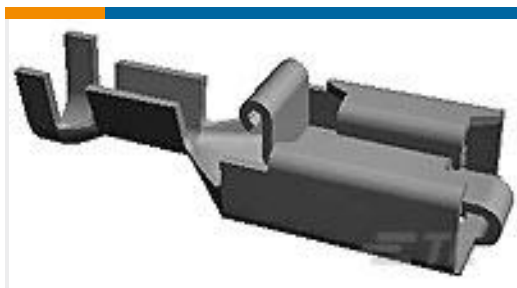


Other Automotive Connector Accessories(12)



PCB Headers & Receptacles(134)

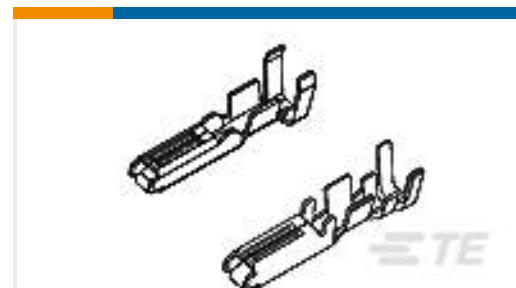
Customers Also Bought



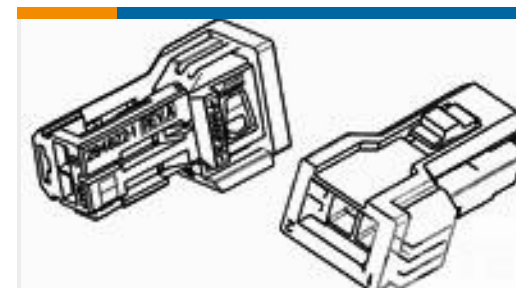
TE Part #281828-2
PL 2.5-4.0 MM2 TPBR



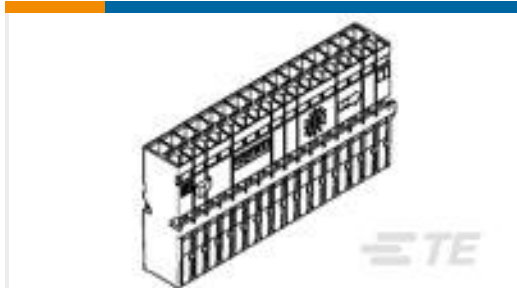
TE Part #1823347-1
8POS, MIXED, REC HSG, ASSY



TE Part #284088-1
.070 NEW GEN RCPT CONT 0.75 T



TE Part #284820-1
2 pos 070 New Generation



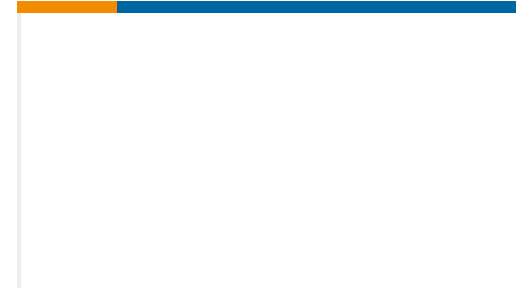
TE Part #1326141-1
32WAY LAC RECEPTACLE CARRIER H



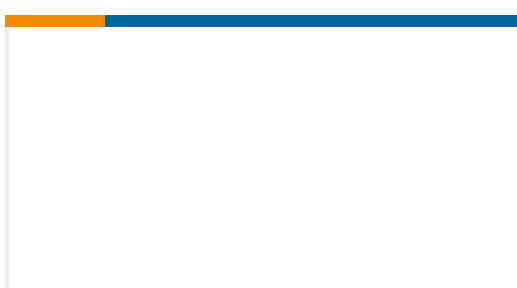
TE Part #1438761-6
22WAY HYBRID .040/2.8 PLUG ASSY
KEY'A'



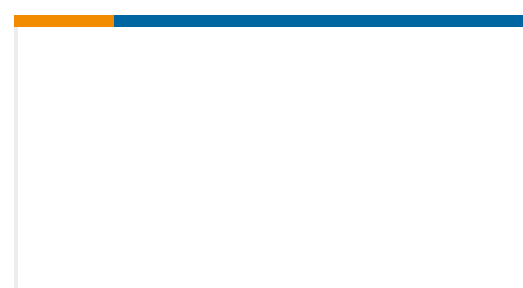
TE Part #2098963-1
30 WAY SHIELD ASSEMBLY, KEY AD



TE Part #2819293-1
PIVOTED ARM ASSEMBLY



TE Part #570055-000
BL-POLY125-16-0-90MM



TE Part #2819292-1
ARM GUIDE

Documents

Product Drawings

[040 10P PLUG ASSY III GY](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_638207-6_G.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_638207-6_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_638207-6_G.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

Product Specification

Japanese