9-1924089-6 ✔ ACTIVE

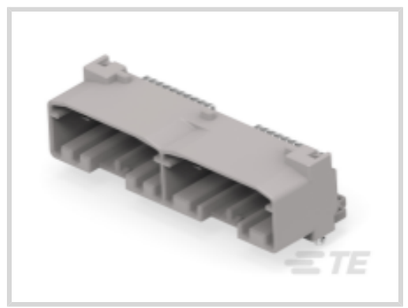
Multilock .040, Multilock Connector System

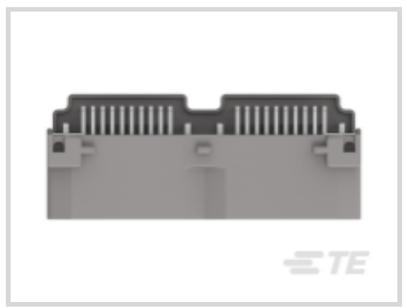
TE Internal #: 9-1924089-6

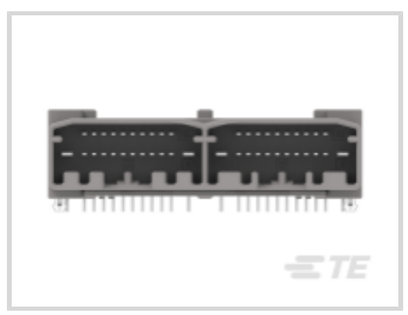
Horizontal, Wire-to-Board, 44 Position, 2 Rows, 2.5mm [.098in] Centerline, Tin (Sn), Printed Circuit Board, Power & Signal, Gray, Multilock .040

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Headers







PCB Mount Orientation: **Horizontal**

Termination Method to PCB: **Through Hole - Solder**

Sealable: **No**

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

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

Features

Product Type Features

Mixed & Hybrid Header	Yes
Header Type	Fully Shrouded
Connector Product Type	Connector Assembly
Sealable	No
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Sections	2
Number of Signal Positions	40
PCB Mount Orientation	Horizontal
Number of Positions	44
Number of Rows	2

Electrical Characteristics

Nominal Voltage Architecture	12 V

Body Features

Primary Product Color	Gray

Contact Features

Mating Tab Thickness	.64 mm, .8 mm[.025 in][.031 in]
Contact Type	Tab
Mating Tab Width	1 mm, 2.8 mm[.04 in][.11 in]
Contact Mating Area Plating Material	Tin (Sn)

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Alignment	With
PCB Mount Retention	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.5 mm[.098 in]

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Method	Package

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	Reflow solder capable to 245°C

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 # 1438832-4
M/F 1438832-3 TIN PLATED

TE Part # 1924090-6
44way DCX Radio Cap Housing

TE Part # 1438832-2
M/F 1438832-1 TIN PLATED

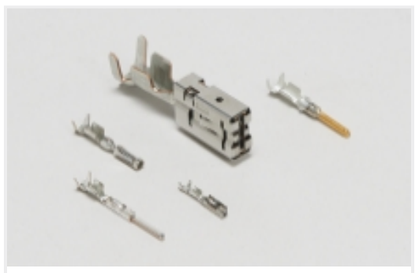
Also in the Series | Multilock .040



Automotive Headers(71)



Automotive Signal & Power Headers (71)



Automotive Terminals(76)



Insertion & Extraction Tools(6)

Also in the Series | Multilock Connector System



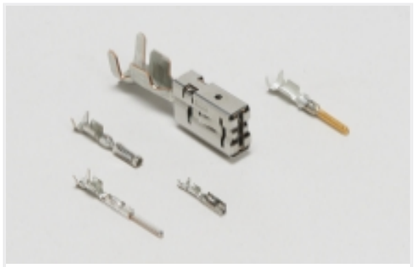
Automotive Connector Caps & Covers (5)



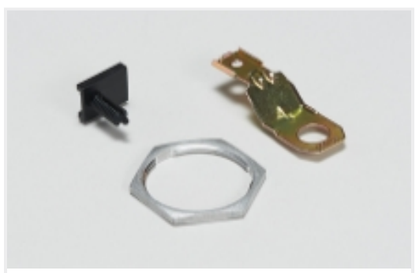
Automotive Housings(140)



Automotive Signal & Power Headers (71)

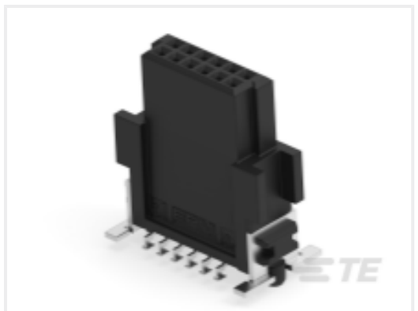


Automotive Terminals(76)



Other Automotive Connector Accessories(5)

Customers Also Bought



TE Part #234198-E
SMCB 12 F AB VV 7-23 CL * H007 137 E002



TE Part #244838-E
SMCQ 50 M AB VV 8-13 CL * H007 137 E005



TE Part #244836-E
SMCQ 12 M AB VV 8-13 CL * H007 137 E005



TE Part #643749-1
06P UMNL HDR ASSY W/O DRNS



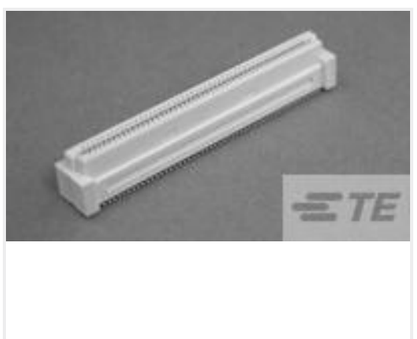
TE Part #9-1438789-3
38Way Hybrid.040/2.8 Header Assy, C-Key



TE Part #1571983-3
GDH02STR04=DIP SWITCH



TE Part #2322949-1
6POS,TAB0.63X0.63,HDR ASSY, 180DEG



TE Part #5-5179009-4
0.8FH,R09H.5,100,08/Sn,TU



TE Part #5179031-4
0.8FH,P08H.5,100,08/Sn,TU



TE Part #1-5175975-2
040 MLC MK2 20POS CAP ASSY H AU

Documents

Product Drawings

44p Hyb 2.8/040 Cap Assy, gray, tin

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_9-1924089-6_A_c-9-1924089-6-a.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_9-1924089-6_A_c-9-1924089-6-a.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_9-1924089-6_A_c-9-1924089-6-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