1-5178203-6 ✔ ACTIVE

AMP | Multilock Connector System

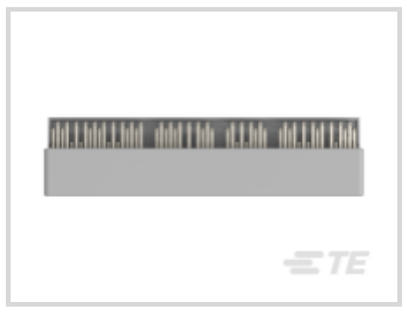
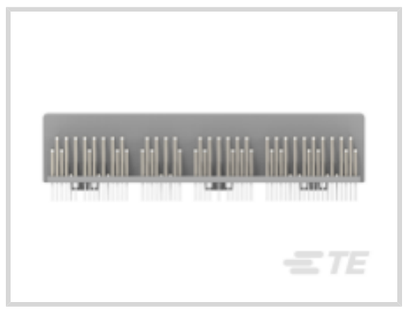
TE Internal #: 1-5178203-6

PCB Mount Header, Right Angle, Wire-to-Board, 100 Position, 3.6 mm [.141 in] Centerline, Fully Shrouded, Gold (Au), Multilock Connector System

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles




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

Number of Positions: **100**

Centerline (Pitch): **3.6 mm [.141 in]**

PCB Mount Orientation: **Right Angle**

Number of Rows: **4**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Header Type	Fully Shrouded
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	100
PCB Mount Orientation	Right Angle
Number of Rows	4

Body Features

Primary Product Color	Gray

Contact Features

Contact Type	Tab
Contact Mating Area Plating Material	Gold (Au)

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	3.6 mm[.141 in]

Packaging Features

Packaging Method	Tube

Product Compliance

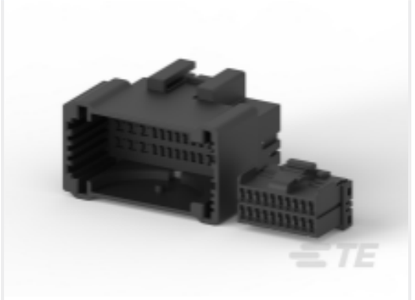
For compliance documentation, visit the product page on TE.com>

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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed 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-M9194-CH8172
MULTILOCK, CONNECTOR HOUSING



TE Part # 316019-6
040 PAIR MATE PLUG HSG ASY 28P

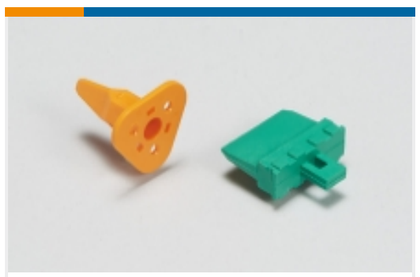


TE Part # 316013-6
040 PAIR MATE PLUG HSG ASY 16P

Also in the Series | Multilock Connector System



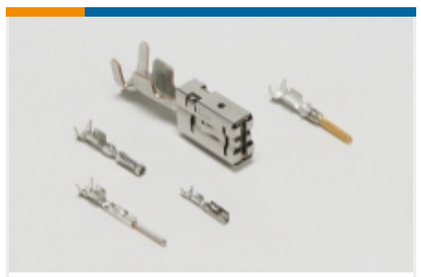
Automotive Connector Caps & Covers (10)



Automotive Connector Locks & Position Assurance(3)



Automotive Housings(445)



Automotive Terminals(118)



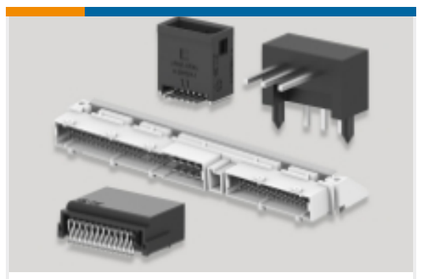
Connector Seals & Cavity Plugs(2)



Insertion & Extraction Tools(6)



Other Automotive Connector Accessories(12)



PCB Headers & Receptacles(135)

Customers Also Bought

TE Part #174514-6
MULTILOCK, CONNECTOR HOUSING



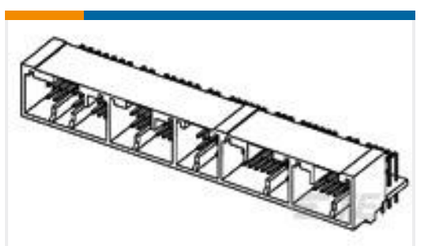
TE Part #1473288-1
MICRO TIMER II 6POS SECONDARY



TE Part #2138314-5
36P SEALED HYBRID (32X 1.2, 4X 2.8) PLUG



TE Part #3-1649328-1
RT334012



TE Part #353015-4
040III HD 122POS CAP ASSY H Au



TE Part #179680-5
04/07 HD HYBRID PLUG ASY 31P



TE Part #179678-6
04/07-2 HD HYBRID PLUG ASY 16P



TE Part #177697-1
IMPUL MATE WIRE COVER HSG 76P

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-5178203-6_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-5178203-6_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-5178203-6_G.3d_stp.zip

English

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

Product Specifications

Application Specification

English

Crimping .040II Series Tab and Rec. Contact

English

Unikeyic Electronics

Global Electronic Components Distributor

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

TE Connectivity:

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