172040-1 ✔ ACTIVE

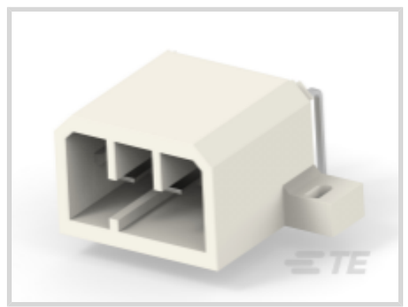
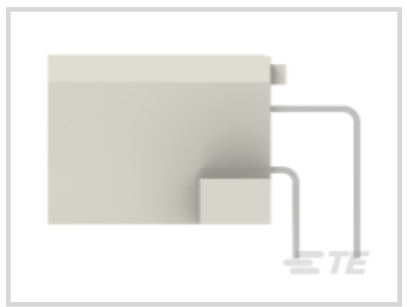
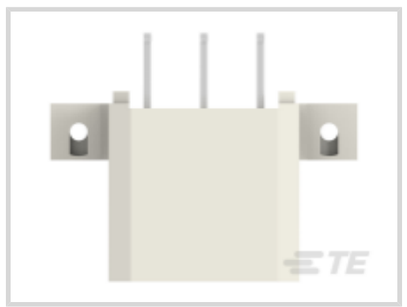
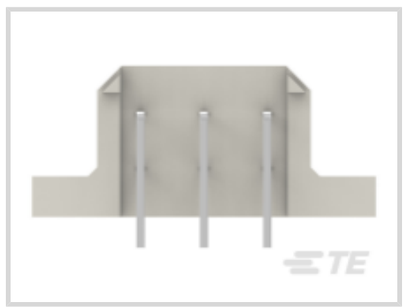
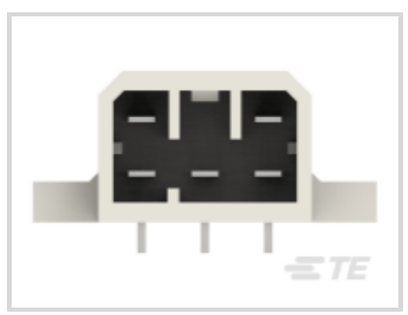
AMP | Mark I

TE Internal #: 172040-1

PCB Mount Header, Right Angle, Wire-to-Board, 5 Position, 7 mm [.276 in] Centerline, Fully Shrouded, Tin (Sn), Through Hole - Solder, Power, Mark I

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles

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

Number of Positions: **5**

Centerline (Pitch): **7 mm [.276 in]**

Sealable: **No**

PCB Mount Orientation: **Right Angle**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Header Type	Fully Shrouded
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	5
PCB Mount Orientation	Right Angle
Number of Rows	2

Body Features

Primary Product Color	Natural

Contact Features

Contact Type	Tab
Contact Mating Area Plating Material	Tin (Sn)

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	7 mm[.276 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power

Packaging Features

Packaging Method	Tray

Product Compliance

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

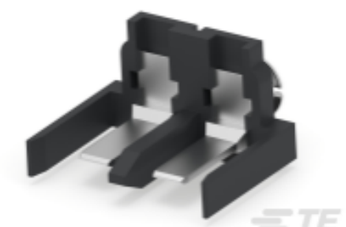
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2023 (235) Does 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	Wave solder capable to 240°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 # 1376405-1
JOINT-CONN 4MM TAB 2P

TE Part # 172033-1
MIC CAP 5P H

Also in the Series | Mark I



Automotive Housings(2)



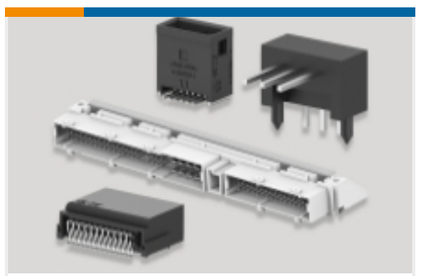
Automotive Terminals(4)



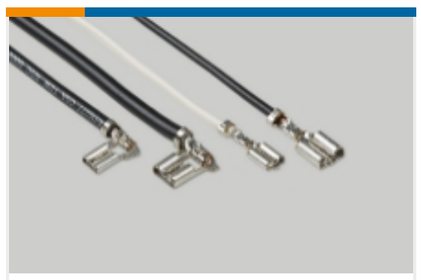
Crimp Terminal Housings(24)



Insertion & Extraction Tools(1)

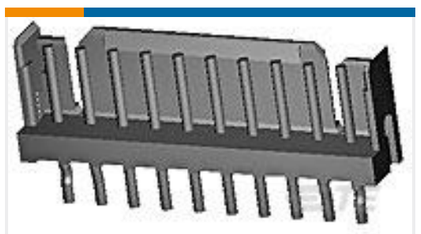


PCB Headers & Receptacles(20)

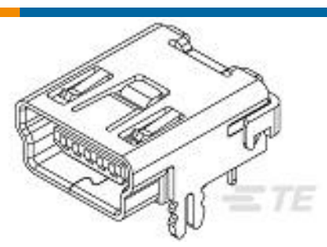


Quick Disconnects(29)

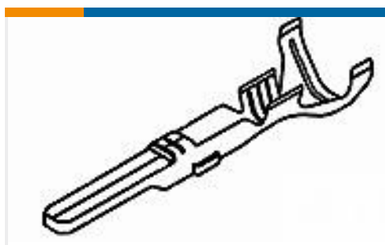
Customers Also Bought



TE Part #292161-4
CT P/HDR ASSY V 4P W/KINK NAT



TE Part #2172034-1
MINI USB B, RCPT, R/A, T/H, PBT, Tray



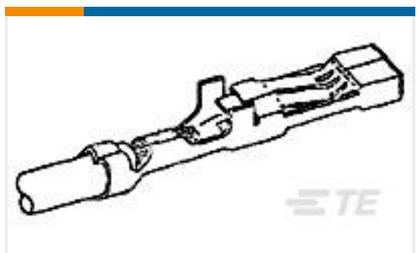
TE Part #173706-1
E-J MK-2 070 TAB CONT LP



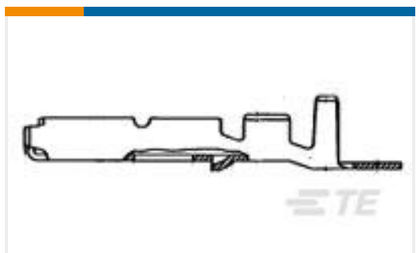
TE Part #172039-1
MIC 7P CAP ASSY



TE Part #172505-1
MIC CAP HSG 7P MK II



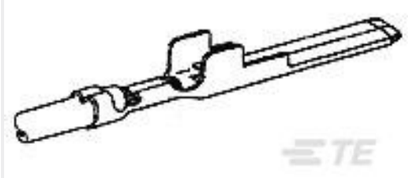
TE Part #170289-1
MIC REC LP



TE Part #172773-1
MIC MK-2 REC B TYPE



TE Part #172044-1
MIC CAP 5P W-W



TE Part #170459-1
TAB WITH LANCE FOR M.I.C. L.P.

Documents

CAD Files

Customer View Model

ENG_CVM_172040-1_G4.3d_igs.zip

English

Customer View Model

ENG_CVM_172040-1_G4.3d_stp.zip

English

Customer View Model

ENG_CVM_172040-1_G4.2d_dxf.zip

English

3D PDF

English

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

Product Specifications

Multi-Interlock Mark II Connector for Printed Circuit Board

Japanese

Product Specification

Japanese

Multi-Interlock Mark II Connector for Wire to Board Termination

English

Product Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

Japanese

Agency Approvals

Agency Approval Document

English

Unikeyic Electronics

Global Electronic Components Distributor

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

TE Connectivity:

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