172500-1 ✔ ACTIVE

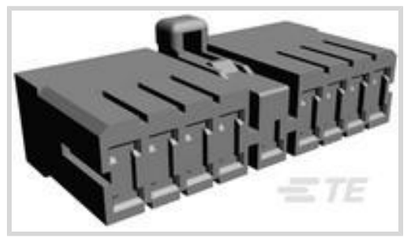
AMP | Mark II

TE Internal #: 172500-1

Housing for Female Terminals, Wire-to-Board / Wire-to-Device / Wire-to-Wire, 17 Position, 5 mm / 7 mm [.197 in / .276 in] Centerline, Natural, Mark II

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings



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

Number of Positions: **17**

Connector & Housing Type: **Housing for Female Terminals**

Centerline (Pitch): **5 mm, 7 mm [.197 in, .276 in]**

Sealable: **No**

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Board, Wire-to-Device, Wire-to-Wire
Connector & Housing Type	Housing for Female Terminals
Sealable	No
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	17
Number of Rows	2

Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Natural

Contact Features

Contact Size	3mm

Contact Type	Receptacle
Mating Tab Width	3 mm[.118 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)

Housing Features

Housing Material	PA
Centerline (Pitch)	5 mm, 7 mm[.197 in][.276 in]

Dimensions

Connector Height	18.8 mm[.74 in]
Product Width	50 mm[1.969 in]
Product Length	24 mm[.945 in]
Row-to-Row Spacing	3.18 mm[.125 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

Industry Standards

UL Flammability Rating	UL 94V-2

Packaging Features

Packaging Method	Bag & Box

Other

Serviceable	Yes
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



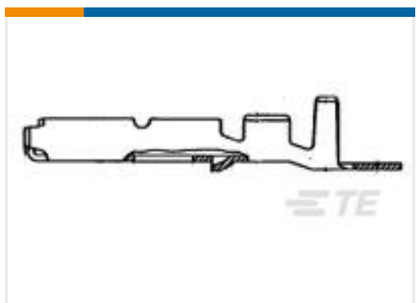
TE Part # 171366-1
17P HOR CAP HSG WIRE TO PCB



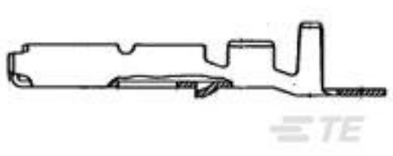
TE Part # 172774-1
RECP CONT MULTILOCK MIC MARKII



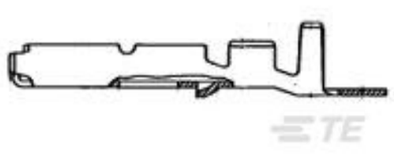
TE Part # 172509-1
MIC CAP HSG 17P MK II



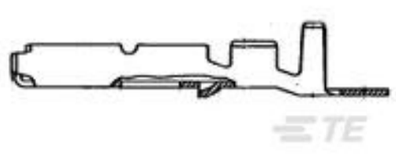
TE Part # 172774-4
MIC MK-II LP



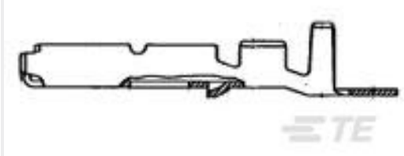
TE Part # 172773-2
MIC MK-2 REC B TYPE



TE Part # 172773-4
MIC MARK-2 REC B TYPE CONTACT



TE Part # 172775-1
MIC MK-2 REC B TYPE



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



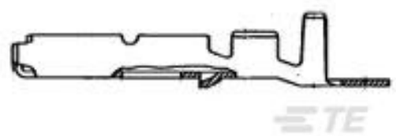
TE Part # 172774-2
MIC MK-2 REC CONTACT LP



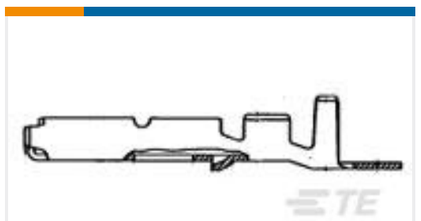
TE Part # 172773-5
MIC MK-2 REC KLF-5



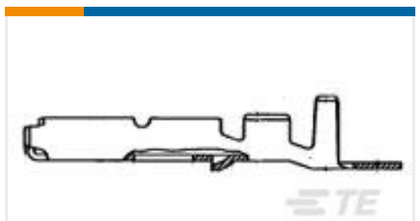
TE Part # 172776-1
MIC MARK-2 REC CONTACT L.P



TE Part # 172775-2
MIC MK-2 REC CONTACT AU

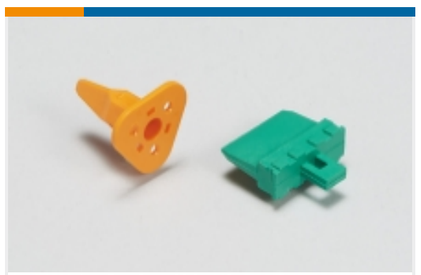


TE Part # 172776-2
MIC MK-2 REC CONTACT GOLD



TE Part # 172775-5
MIC MK-2 REC KLF-5

Also in the Series | Mark II



Automotive Connector Locks & Position Assurance(1)



Automotive Housings(16)



Automotive Terminals(11)



Connector Seals & Cavity Plugs(1)



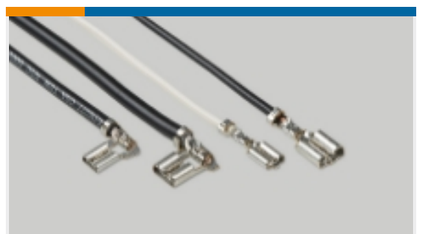
Crimp Terminal Housings(76)



Insertion & Extraction Tools(2)

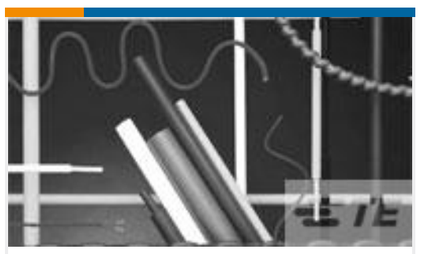


Other Automotive Connector Accessories(1)



Quick Disconnects(57)

Customers Also Bought



TE Part #4549034001
CGPT-39/13-2-SP



TE Part #1879449-5
TE 400W 2R2 5% Bracket



TE Part #1393128-5
PRD-5AY0-120=PRD



TE Part #3-967325-3
2,5MM BU-GEH 2P,GN



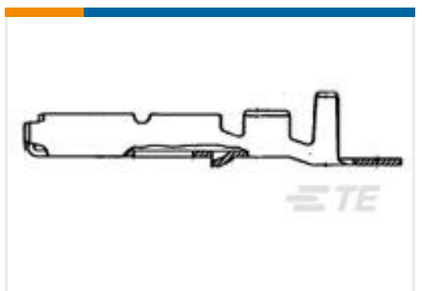
TE Part #50881-2
TERMINAL,PIDG R 16-14 6



TE Part #172515-1
MIC 13P CAP HSG W/F



TE Part #172506-1
MIC CAP HSG 9P MK II



TE Part #172773-4
MIC MARK-2 REC B TYPE CONTACT



TE Part #170120-4
MATE-N-LOK SOCKET



TE Part #174400-2
MIC MK-2 DBL LOCK PLATE 17P

Documents

Product Drawings

MIC MARK-2 PLUG HSG 17P

English

CAD Files

Customer View Model

ENG_CVM_172500-1_O2.2d_dxf.zip

English

3D PDF

English

Customer View Model

ENG_CVM_172500-1_O2.3d_igs.zip

English

Customer View Model

ENG_CVM_172500-1_O2.3d_stp.zip

English

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Product Specifications

Multi-Interlock Mark II Connector for Wire to Board Termination

English

Product Specification

English

Product Specification

English

Multi-Interlock Mark II Connector for Wire to Wire Termination

English

Instruction Sheets

Multi Interlock Connector Mark II

English

Customer Manual (non U.S.)

English

Agency Approvals

Agency Approval Document

English

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Global Electronic Components Distributor

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

TE Connectivity:

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