

172500-1 ✓ ACTIVE

AMP | Mark II

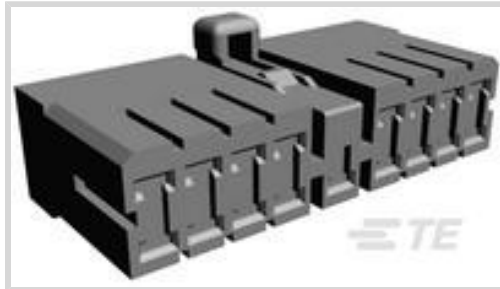
TE Internal #: 172500-1

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

[View on TE.com >](#)



Connectors > Automotive Connectors > Connector Housings



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

Mating Tab Width: **3 mm [ .118 in ]**

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

Number of Positions: **17**

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

## Features

### Product Type Features

Connector & Housing Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board, Wire-to-Device, Wire-to-Wire
Sealable	No
Hybrid Connector	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°
Body Material	PA
Primary Product Color	Natural

### Contact Features



Contact Size	3mm
Contact Type	Receptacle
Mating Tab Width	3 mm[.118 in]

#### Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Polarization Slot
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

#### Housing Features

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

#### Dimensions

Product Width	50 mm[1.969 in]
Product Length	24 mm[.945 in]
Product Height	18.8 mm[.74 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](https://www.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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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

 <p>TE Part # 172775-1 MIC MK-2 REC B TYPE</p>	 <p>TE Part # 172774-1 RECP CONT MULTILOCK MIC MARKII</p>	 <p>TE Part # 172774-4 MIC MK-II LP</p>	 <p>TE Part # 172773-2 MIC MK-2 REC B TYPE</p>
---	--	--	---



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

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

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

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

TE Part # 172776-1  
MIC MARK-2 REC CONTACT LP

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

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

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

Also in the Series | **Mark II**

Automotive Housings(5)

Automotive Terminals(22)

Insertion & Extraction Tools(2)

Customers Also Bought

TE Part #172774-1  
RECP CONT MULTILOCK MIC MARKII

TE Part #1-170321-1  
CONTACT CRIMP SNAP IN 22-20

TE Part #172774-4  
MIC MK-II LP

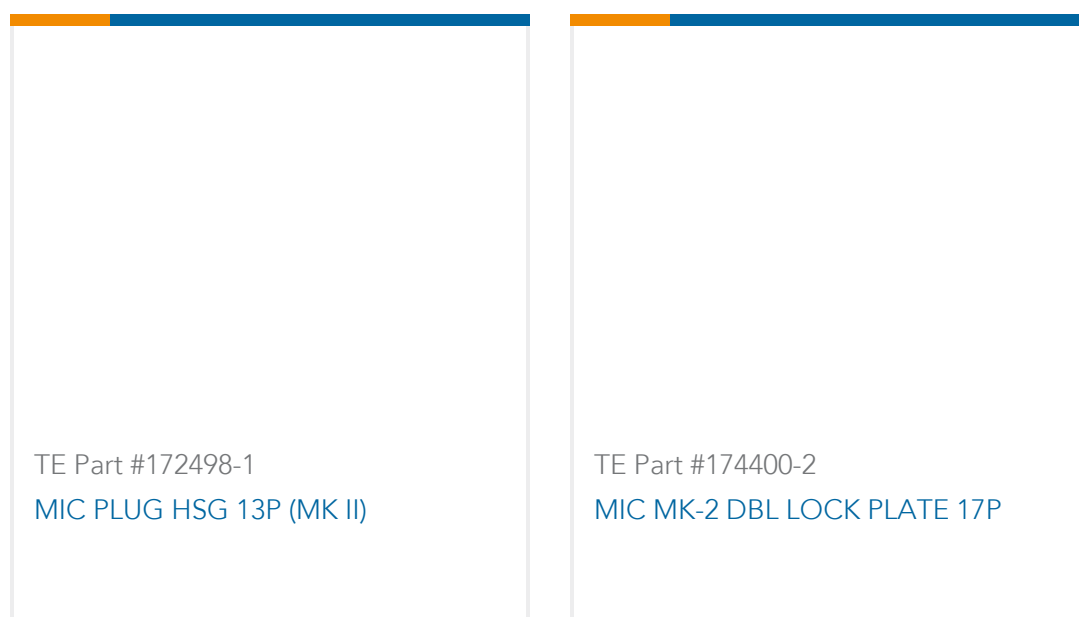
TE Part #172773-4  
MIC MARK-2 REC B TYPE CONTACT

TE Part #172516-1  
M.I.C.MARK II 17P CAP W/F

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

TE Part #174398-2  
MIC-MK2 DBL LOCK PLATE 11POS.

TE Part #172510-1  
MIC CAP HSG 21P MK II



## 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

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### 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

### Product Environmental Compliance

#### MD\_172500-1\_06012018241\_dmtec

English

#### MD\_172500-1\_06012018241\_dmtec

English

### Instruction Sheets

#### Multi Interlock Connector Mark II



English

[Customer Manual \(non U.S.\)](#)

English

---

[Agency Approvals](#)

[Agency Approval Document](#)

English