172774-1 ✔ ACTIVE

AMP | Multilock Connector System

TE Internal #: 172774-1

Automotive Terminals, Receptacle, Mating Tab Width 3 mm [.118 in], Tab Thickness .65 mm [.025 in], 20 – 14 AWG Wire Size, Multilock Connector System

Terminals & Splices > Automotive Terminals > MULTILOCK, RECEPTACLE AND TAB



Terminal Type: **Receptacle**

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

Mating Tab Thickness: **.65 mm [.025 in]**

Terminal Transmits: **0 – 24 A (Low Power)**

Wire Size: **20 – 14 AWG**

All MULTILOCK, RECEPTACLE AND TAB (110)

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Clean Body

Contact Features

Contact Size	3mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	3 mm[.118 in]
Mating Tab Thickness	.65 mm[.025 in]
Interface Plating	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	2.1 – 3.38 mm[.082 – .133 in]
Wire Size	.5 – 2 mm²
Wire Size Search	14 AWG, 15 AWG, 16 AWG, 17 AWG, 18 AWG, 19 AWG, 20 AWG

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C[176 °F][185 °F][194 °F][212 °F][221 °F]
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

Other

Terminal Transmits	0 – 24 A (Low Power)

Product Compliance

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

Compatible Parts



TE Part # 172500-1
MIC MARK-2 PLUG HSG 17P



TE Part # 172501-1
MIC MARK-2 PLUG HSG 21P



TE Part # 1804014-1
CCII MIC MK-II REC 20-14 ASSY



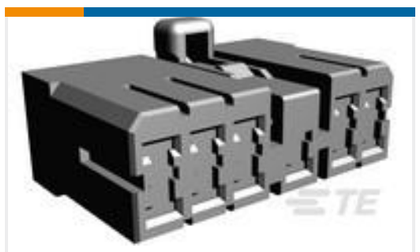
TE Part # 753787-1
EXTRACTION TOOL FOR MIC MK II



TE Part # 172496-1
MIC PLUG HSG 9P (MK II)



TE Part # 172494-1
MIC MARK-2 PLUG HSG 5P

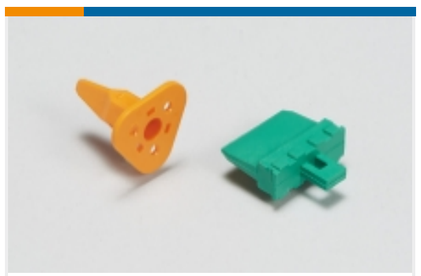


TE Part # 172497-1
MIC MARK-2 PLUG HSG 11P

Also in the Series | Multilock Connector System



Automotive Connector Caps & Covers (10)



Automotive Connector Locks & Position Assurance(3)



Automotive Housings(438)



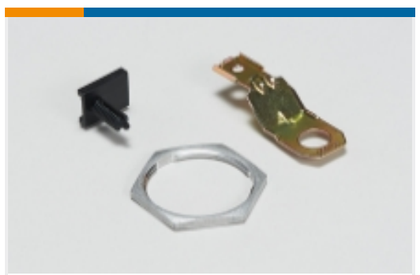
Automotive Terminals(117)



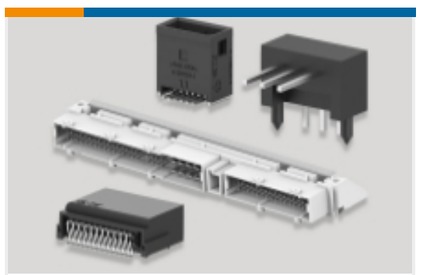
Connector Seals & Cavity Plugs(2)



Insertion & Extraction Tools(6)



Other Automotive Connector Accessories(12)



PCB Headers & Receptacles(138)

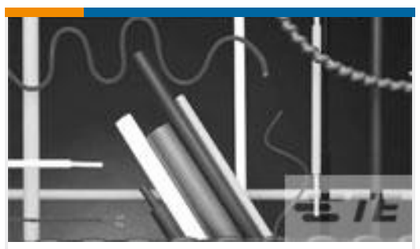
Customers Also Bought



TE Part #T4133412041-000
M12,FRONT MOUNT,FEMALE,B,4P, SOLDER WIRE



TE Part #1565994-3
RITS HDR ASSY R/A SMT TYPE 3P WITH BOSS



TE Part #5067104003
CGPT-76/38-0-SP



TE Part #172496-1
MIC PLUG HSG 9P (MK II)



TE Part #172494-1
MIC MARK-2 PLUG HSG 5P



TE Part #1-480706-1
09P UMNL PLUG HSG BRN



TE Part #EK4826-000
91H1-09-04-1-ZN-HE050

TE Part #2-361329-2
HST300L-BK/100 C/Tie 300x3.6



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

Documents

Product Drawings

RECP CONT MULTILOCK MIC MARKII

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_172774-1_U.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_172774-1_U.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_172774-1_U.3d_stp.zip

English

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

Datasheets & Catalog Pages

MULTILOCK Connector System

English

Product Specifications

Application Specification

English

Crimping Multi-Interlock (MIC) Conn. Mark II, Rec. Contact

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

Multi-Interlock Mark II Contact From Plug & Cap HSG

English

Instruction Sheet (non U.S.)

Japanese