5-102694-4 DO NOT USE FOR NEW DESIGN

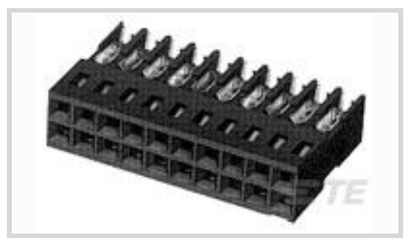
AMPMODU

TE Internal #: 5-102694-4

Standard Rectangular Connectors, Connector Assembly, Housing for Female Terminals, Insulation Displacement (IDC), Wire-to-Board, Gold, High, UL 94V-0

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Assembly**

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

Mating Alignment: **Without**

Mating Retention: **Without**

Termination Method to Wire & Cable: **Insulation Displacement (IDC)**

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board
Insertion Force Type	High
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Contacts Preloaded	Yes
Number of Loaded Positions	12
Number of Positions	12
Number of Rows	2

Contact Features

Contact Layout	Matrix
Wire Contact Termination Area Plating Material	Tin
Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold
Contact Retention Within Housing	With
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Mating Alignment	Without
Mating Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Connector Height	6.1 mm[.24 in]
Product Length	15.24 mm[.6 in]
Row-to-Row Spacing	2.54 mm[.1 in]
Wire Size	.13 - .3 mm²

Usage Conditions

Operating Temperature Range	-65 - 105 °C[-85 - 221 °F]

Operation/Application

Shielded	No
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	200
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: JAN 2024 (240)

	Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 58074-1
MTA 50/100/156 MANUAL TOOL FRAME

Customers Also Bought



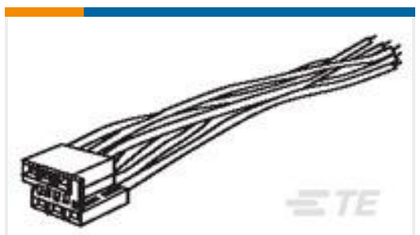
TE Part # 2-6609129-8
5EFM4S=F8112



TE Part # 86-030A-C
30 PSIA CABLE CONN MV PRESSURE SENSOR



TE Part # 1062-16-1422
SOC, SF, SIZE 16, 14-18, SLVLES, NI/NI



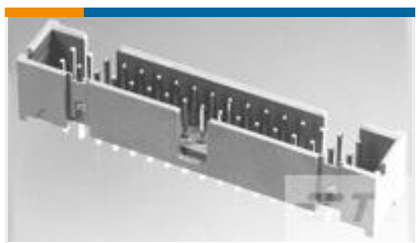
TE Part # 1609139-1
MA100 PEM CONNECTOR=F6900



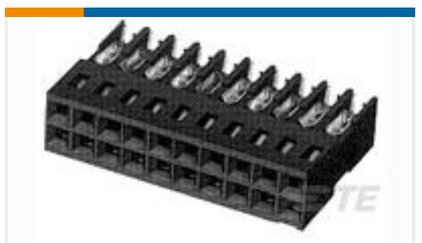
TE Part # 1-770967-0
03P MINI UMNL R/A HDR ASSY SN



TE Part # 1-794065-1
08P MINI UMNL HDR W/DH AU LF



TE Part # 5104338-2
A/L LOW PRO HDR 14P VERT HT



TE Part # 5-102694-1
06 ampmodu mt assy dr.sn



TE Part # 5-534206-7
14 MODII VRT DR CE 100/115



TE Part # 1-6609001-0
10EEB1=F7533 S0

Documents

Product Drawings

12 ampmodu mt assy dr sn

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_5-102694-4_P.2d_dxf.zip

English

Customer View Model

ENG_CVM_5-102694-4_P.3d_igs.zip

English

Customer View Model

ENG_CVM_5-102694-4_P.3d_stp.zip

English

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

Datasheets & Catalog Pages

AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT

English

Product Specifications

Application Specification

English