

102694-2

✓ ACTIVE

AMPMODU

TE Internal #: 102694-2

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	8
Number of Positions	8
Number of Rows	2

Contact Features

Contact Layout	Matrix
Wire Contact Termination Area Plating Material	Tin-Lead
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

10.16 mm[.4 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

310

Packaging Method

Tray

Product Compliance

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

EU RoHS Directive 2011/65/EU

Not Compliant

EU ELV Directive 2000/53/EC

Compliant with Exemptions

China RoHS 2 Directive MIIT Order No 32, 2016

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)

SVHC > Threshold:

Pb (13% in Component Part)

Article Safe Usage Statements:

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

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

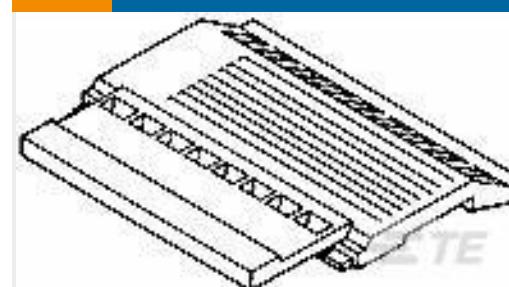
Customers Also Bought



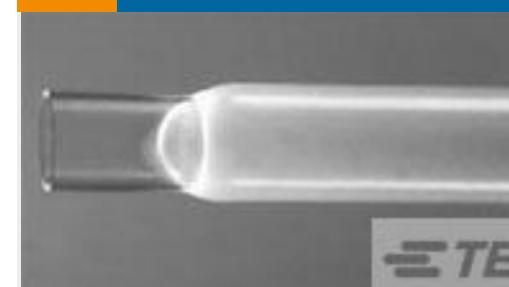
TE Part # 1-1734592-0
FPC CONN. 0.5MM PITCH B/C, 10P



TE Part # 3-643813-4
Nylon Tin Plated Receptacle: 2.54 mm,
with Mating Alignment, MTA 100



TE Part # 102540-2
08 AMPMODU MT COVER DR .100CL



TE Part # 5960024039
TFER-1/8-X-SP



Documents

Product Drawings

[08 AMPMODU MT ASSY DR .100CL](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_102694-2_P.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_102694-2_P.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_102694-2_P.3d_stp.zip](#)

English

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

Product Specifications

[Application Specification](#)

English