

1740209-6 ✓ ACTIVE

AMPMODU | AMPMODU IV/V

TE Internal #: 1740209-6

Housing, Receptacle, Wire-to-Board, 6 Position, 2.54 mm [.1 in]  
Centerline, Crimp, 2 Row, Natural, Mating Retention, Wire & Cable,  
AMPMODU IV/V

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Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **6**

Centerline (Pitch): **2.54 mm [.1 in]**

## Features

### Product Type Features

|                                   |               |
|-----------------------------------|---------------|
| Connector Product Type            | Housing       |
| Connector & Housing Type          | Receptacle    |
| Connector System                  | Wire-to-Board |
| Connector & Contact Terminates To | Wire & Cable  |

### Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 6 |
| Number of Rows      | 2 |

### Contact Features

|                              |        |
|------------------------------|--------|
| Contact Type                 | Socket |
| Contact Current Rating (Max) | 3 A    |

### Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

### Mechanical Attachment



|                         |                            |
|-------------------------|----------------------------|
| Strain Relief           | Without                    |
| Panel Mount Feature     | Without                    |
| PCB Mount Retention     | Without                    |
| Mating Retention Type   | Latch                      |
| Mating Retention        | With                       |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

### Housing Features

|                             |                  |
|-----------------------------|------------------|
| Housing Entry Configuration | Both Ends Closed |
| Housing Material            | PA 6             |
| Centerline (Pitch)          | 2.54 mm [.1 in]  |
| Housing Color               | Natural          |

### Dimensions

|                    |                   |
|--------------------|-------------------|
| Connector Length   | 20.5 mm [.806 in] |
| Connector Height   | 6.45 mm [.254 in] |
| Row-to-Row Spacing | 2.54 mm [.1 in]   |

### Usage Conditions

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

### Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

### Packaging Features

|                    |        |
|--------------------|--------|
| Packaging Quantity | 250    |
| Packaging Method   | Carton |

### 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 2022 (224)<br>Candidate List Declared Against: JAN 2022 (223)<br>SVHC > Threshold:<br>Not Yet Reviewed |

|                 |                                                |
|-----------------|------------------------------------------------|
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
|-----------------|------------------------------------------------|

|                           |                                              |
|---------------------------|----------------------------------------------|
| Solder Process Capability | Not applicable for solder process capability |
|---------------------------|----------------------------------------------|

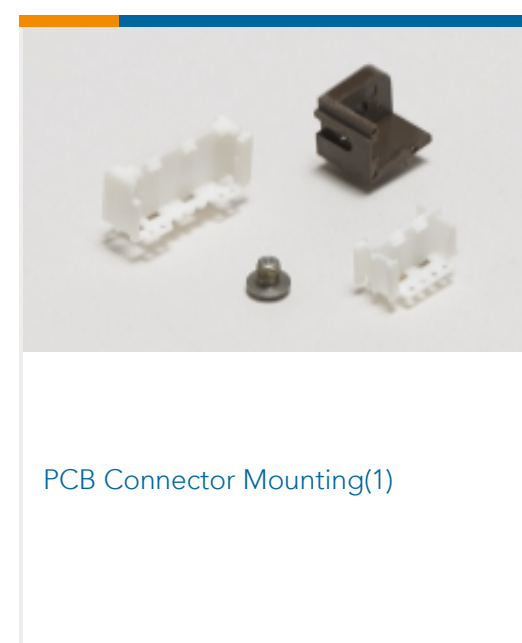
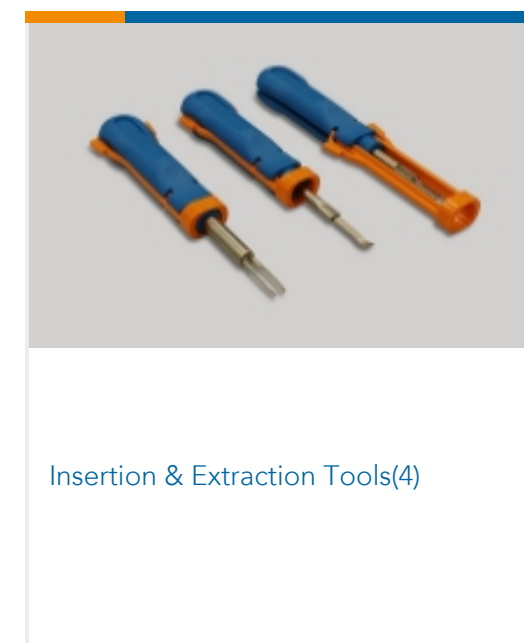
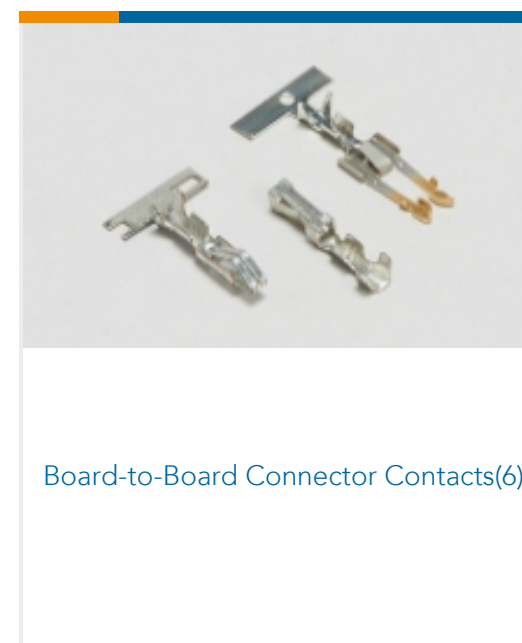
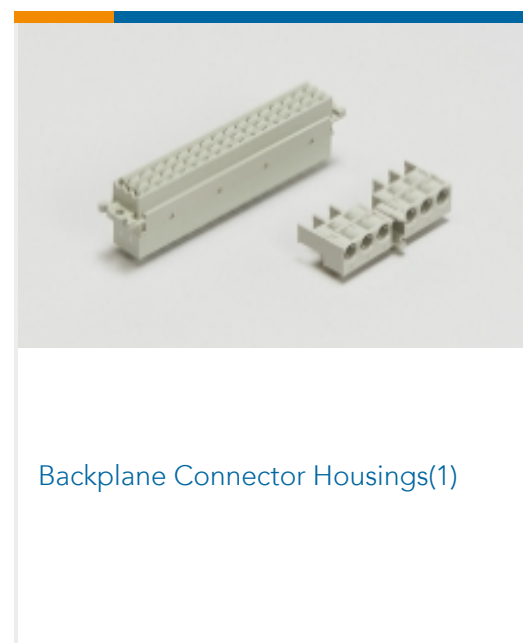
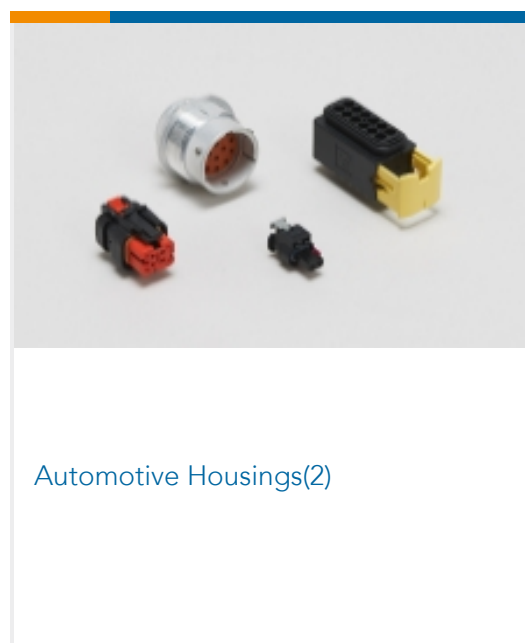
**Product Compliance Disclaimer**

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



## Also in the Series | AMPMODU IV/V





PCB Headers & Receptacles(939)



PCB Latches, Locks & Retainers(9)



Rectangular Connector Housings(5)



Standard Rectangular Connectors(8)



Wire-to-Board Connector Assemblies & Housings(473)



Wire-to-Board Connector Contacts (328)

## Customers Also Bought



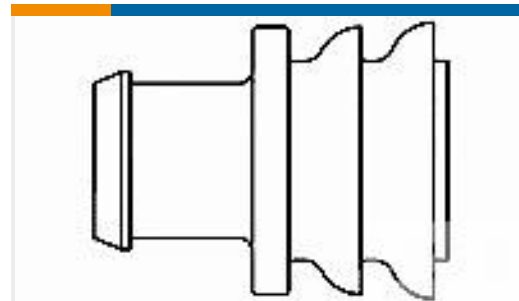
TE Part #1744417-3  
3 POS EP 2.5 HSG, GLOW WIRE



TE Part #160108-2  
RING TONGUE IS 20-16 0.0253 X.940 TPBR



TE Part #1969443-3  
EP 2.5 TPA Retainer, 3 Pos



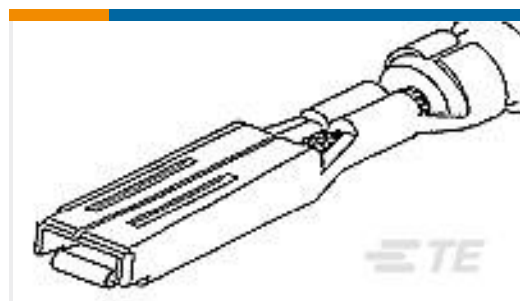
TE Part #281934-4  
SINGLE WIRE SEAL



TE Part #8-327043-1  
PG SPD 22-16 COMM 22-18 MIL 6



TE Part #1745083-1  
3 POS. PLUG ASSY AMP SUPERSEAL 1.5 SRS



TE Part #282403-1  
MINI MIC SRS REC CONT



TE Part #160308-2  
FF 110 REC 22-20AWG TPBR LP



TE Part #1879980-1  
MINI SUPERSEAL CONNECTOR



TE Part #2-34104-6  
SOLIS R 22-16 COMM 22-18 MIL 4

## Documents



### Product Drawings

#### 2X3POS AMP MODU IV HOUSING

English

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### CAD Files

Customer View Model

[ENG\\_CVM\\_1740209-6\\_A1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1740209-6\\_A1.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1740209-6\\_A1.2d\\_dxf.zip](#)

English

**3D PDF**

English

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### Datasheets & Catalog Pages

[AMPMODU Interconnection System](#)

[AMPMODU Interconnection System](#)

English