



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Contacts



Contact Type: **Pin**

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

Contact Mating Area Plating Material: **Tin-Lead**

Packaging Method: **Reel**

Connector & Contact Terminates To: **Printed Circuit Board**

## Features

### Product Type Features

Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

### Electrical Characteristics

Dielectric Withstanding Voltage (Max)	750 V
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### Contact Features

Contact Mating Area Length	7.06 mm[.278 in]
Mating Square Post Dimension	.64 mm[.025 in]
	100 – 200 µin
PCB Contact Termination Area Plating Material Finish	Bright
Contact Shape & Form	Square
Contact Mating Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Base Material	Phosphor Bronze
Contact Type	Pin
Contact Mating Area Plating Material	Tin-Lead
Contact Current Rating (Max)	3 A



### Termination Features

Square Termination Post & Tail Dimension	.64 mm[.025 in]
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### Mechanical Attachment

Wire Insulation Support	Without
Connector Mounting Type	Board Mount

### Dimensions

PCB Hole Diameter	.91 mm[.036 in]
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### Usage Conditions

Operating Temperature Range	-55 – 125 °C[-65 – 257 °F]
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### Operation/Application

Circuit Application	Signal
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### Packaging Features

Packaging Quantity	20000
Packaging Method	Reel

### 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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Pb (13% in Component Part) <b>Article Safe Usage Statements:</b> 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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

#### Product Compliance Disclaimer

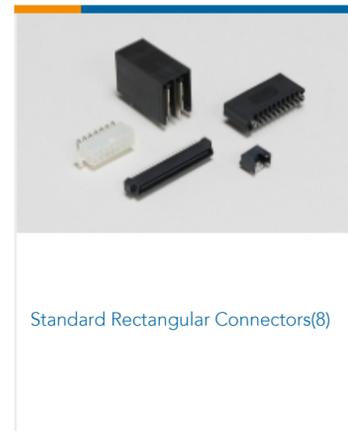
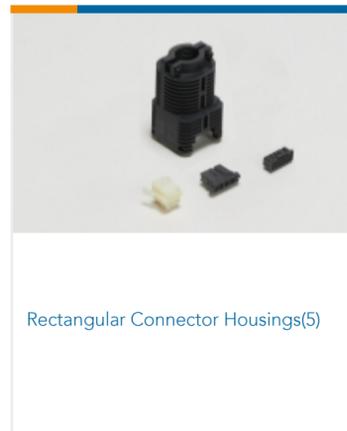
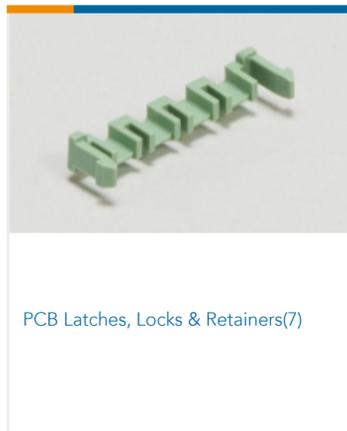
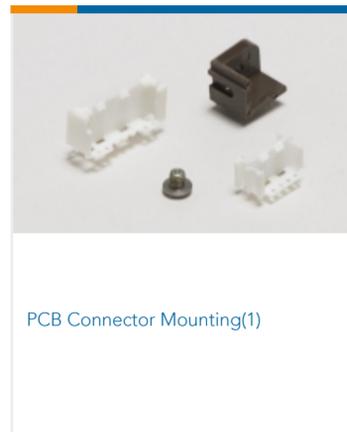
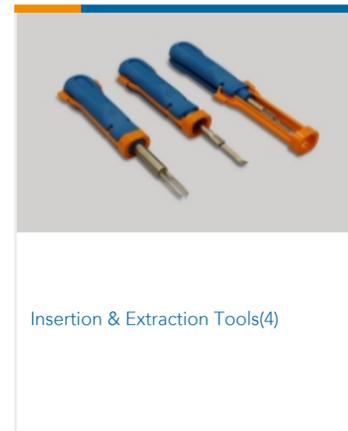
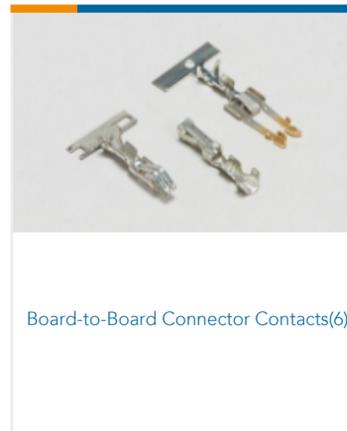
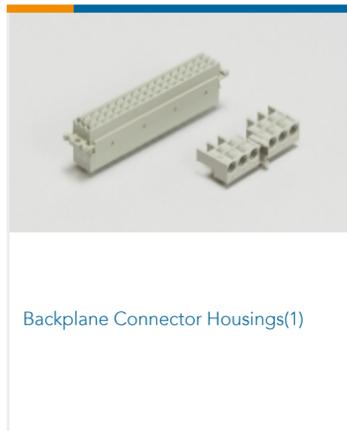
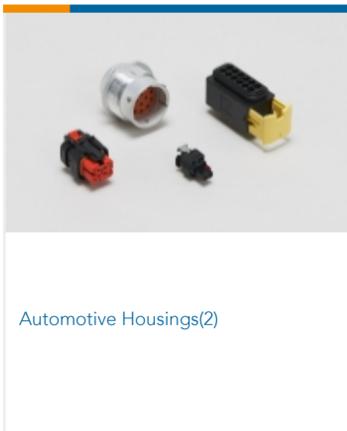
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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





Wire-to-Board Connector Assemblies  
& Housings(467)



Wire-to-Board Connector Contacts  
(326)

## Documents

### Product Drawings

#### MOD II POST PLTD SN

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_1-87022-0\\_W.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_1-87022-0\\_W.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_1-87022-0\\_W.2d\\_dxf.zip](#)

English

#### 3D PDF

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-87022-0\\_AN.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-87022-0\\_AN.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-87022-0\\_AN.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

#### AMPMODU\_INTERCONNECTION\_SYSTEM\_SECTIONS5

English

### Product Specifications

#### Application Specification



English

[AMPMODU Mod I And II Posts](#)

English

[Application Specification](#)

Japanese

[AMPMODU Mod I And II Posts](#)

Japanese

[Application Specification](#)

English