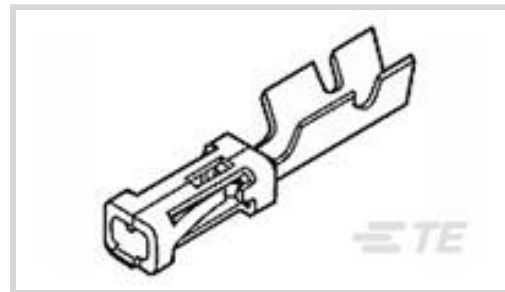




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Contacts



Contact Type: **Socket**

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

Wire Size: **.2 – .6 mm<sup>2</sup>**

## Features

### Product Type Features

Applied Pressure	High
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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### Electrical Characteristics

Termination Resistance	12 mΩ
Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	750 V
Operating Voltage	250 VAC

### Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
	50 – 150 μin
Wire Contact Termination Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Material	Tin over Nickel
Contact Base Material	Phosphor Bronze
Contact Type	Socket
Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	3 A



**Termination Features**

Termination Method to Wire & Cable	Crimp
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**Mechanical Attachment**

Wire Insulation Support	With
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**Dimensions**

Accepts Wire Insulation Diameter Range	1.75 mm[.069 in]
Wire Size	.2 – .6 mm <sup>2</sup>

**Usage Conditions**

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
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**Operation/Application**

Circuit Application	Power & Signal
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**Industry Standards**

Approved Standards	CSA LR7189, UL E28476
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**Packaging Features**

Packaging Quantity	1000
Packaging Method	Loose Piece

**Other**

Comment	(*) For use with Model "K" machines. Call the Technical Assistance Center (1-800-522-6752) for any tooling questions.
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**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) Candidate List Declared Against: JUNE 2022 (224) 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

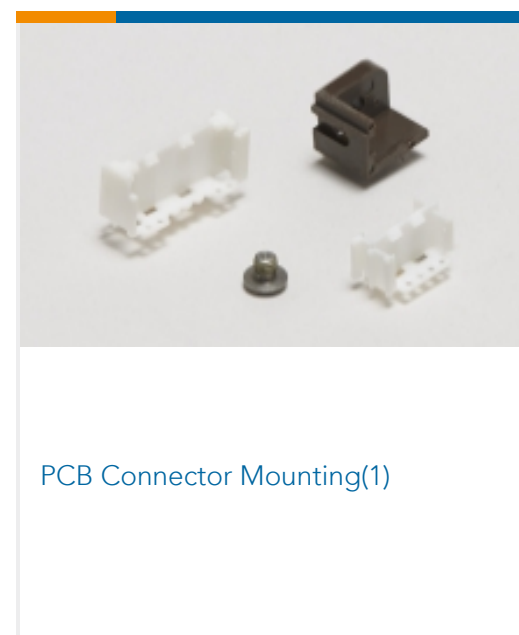
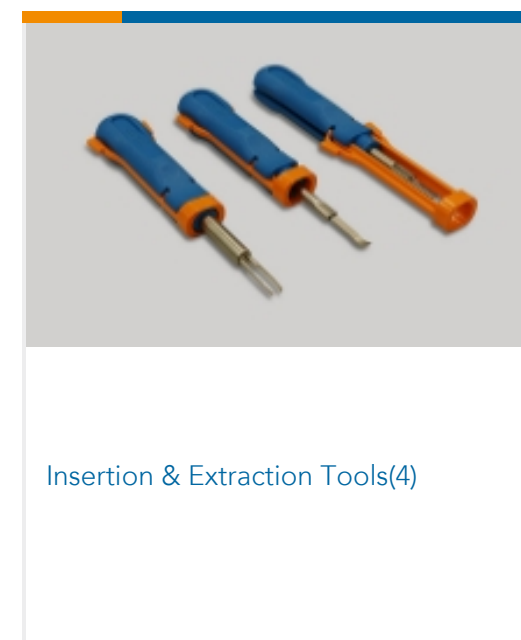
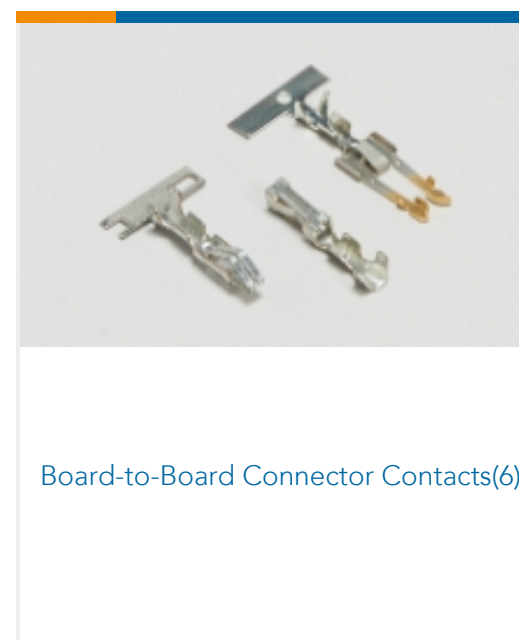
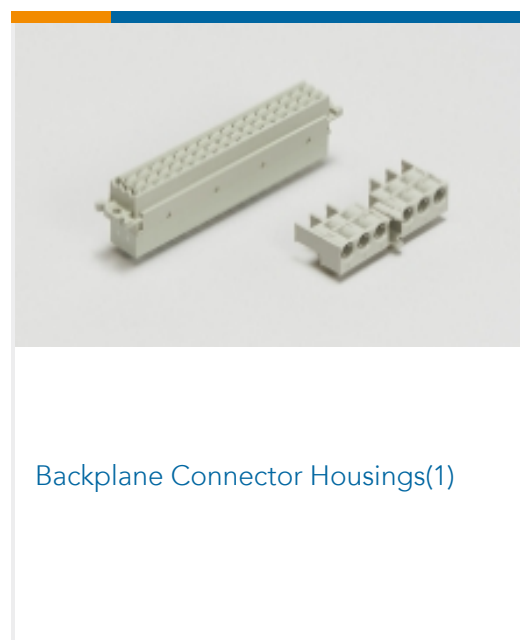
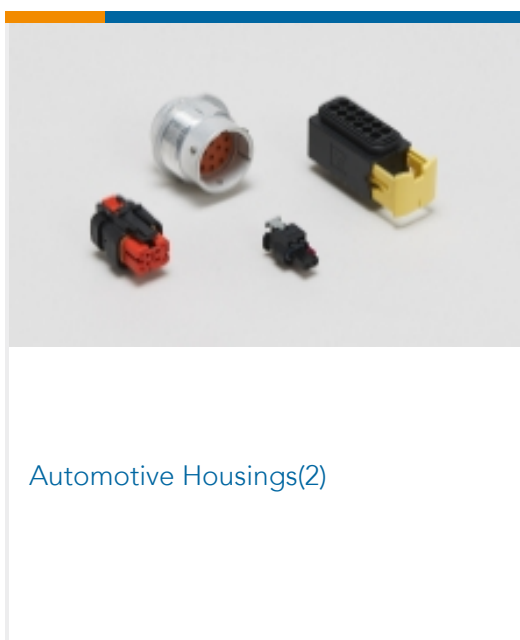
Product Compliance Disclaimer

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 requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

### Compatible Parts

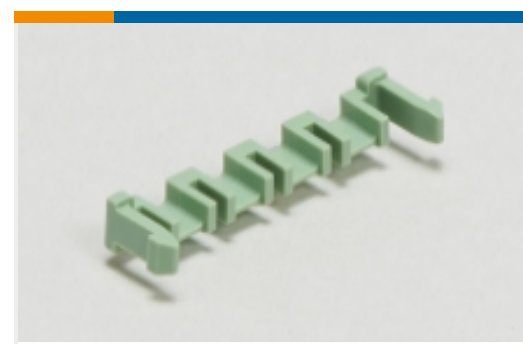


### Also in the Series | AMPMODU IV/V





PCB Headers &amp; Receptacles(939)



PCB Latches, Locks &amp; Retainers(7)



Rectangular Connector Housings(5)



Standard Rectangular Connectors(8)

Wire-to-Board Connector Assemblies  
& Housings(467)Wire-to-Board Connector Contacts  
(326)

## Documents

### Product Drawings

#### MOD V RECP LP

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-87309-3\\_AH.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-87309-3\\_AH.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-87309-3\\_AH.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\_SECTION5\_CONT

English

### Product Specifications

#### Application Specification

English

### Product Environmental Compliance

#### MD\_1-87309-3\_100720132217\_dmtec

1-87309-3

Connector Contact, Socket, Wire-to-Board, 24 – 20 AWG Wire Size, 394.71 – 1184.12  
CMA Wire Size, .2 – .6 mm<sup>2</sup> Wire Size, Tin, Loose Piece, AMPMODU IV/V



English

[MD\\_1-87309-3\\_100720132217\\_dmtec](#)

English