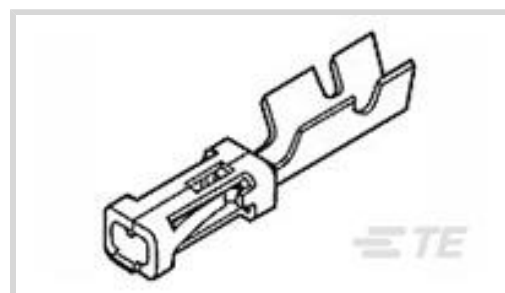




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Contacts



Contact Type: **Socket**

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

Wire Size: **.2 – .6 mm<sup>2</sup>**

### Features

#### Product Type Features

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

#### Electrical Characteristics

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

#### Contact Features

Wire Contact Termination Area Plating Thickness	15 μin
Wire Contact Termination Area Plating Material	Nickel
PCB Contact Termination Area Plating Material	Nickel
Contact Base Material	Beryllium Copper
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	3 A

#### Termination Features

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

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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	12500
Packaging Method	Reel

## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

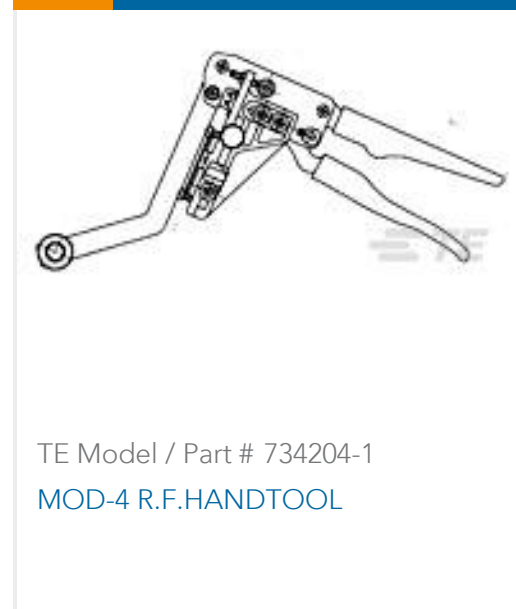
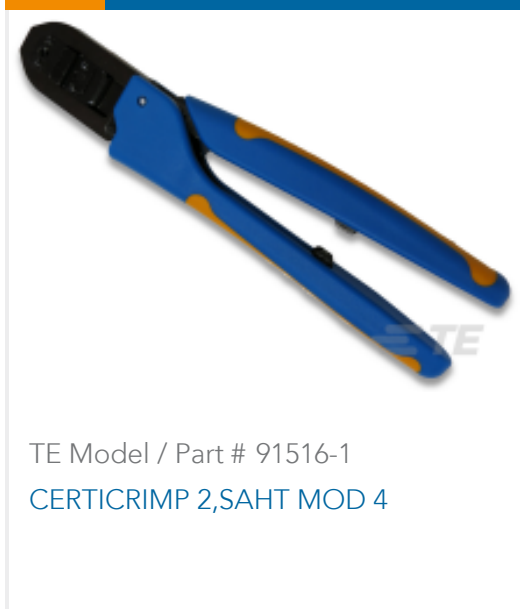
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUN 2020 (209) Candidate List Declared Against: JUL 2019 (201) Does not 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

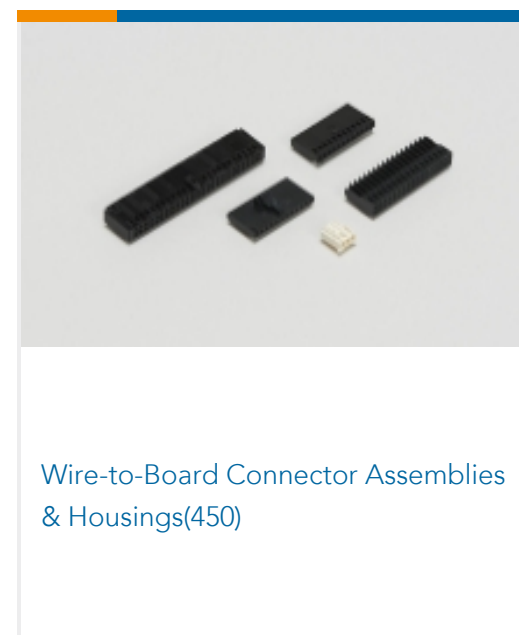
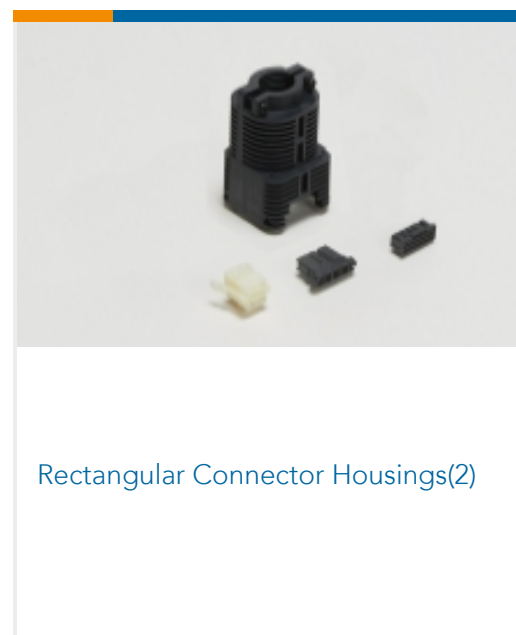
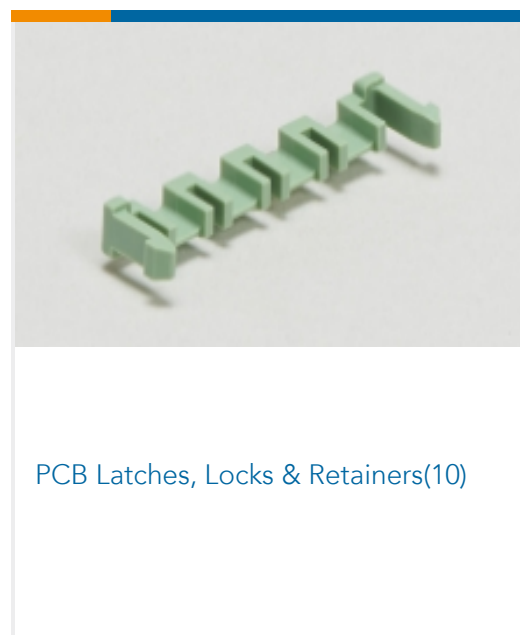
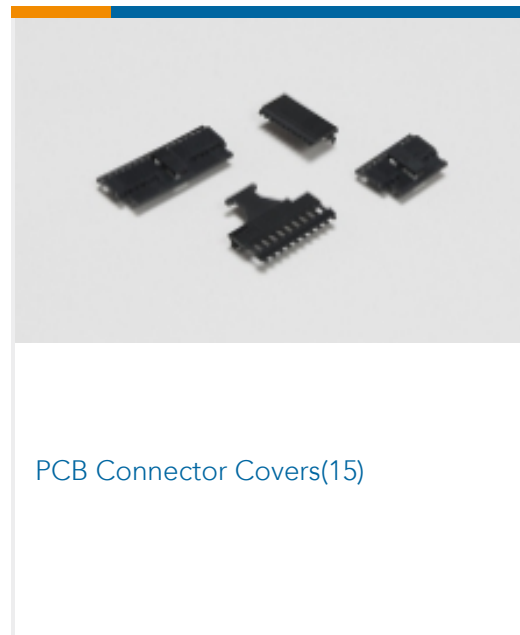
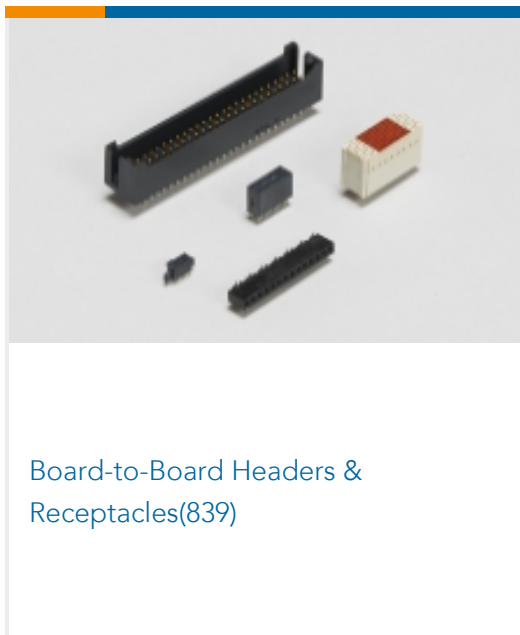
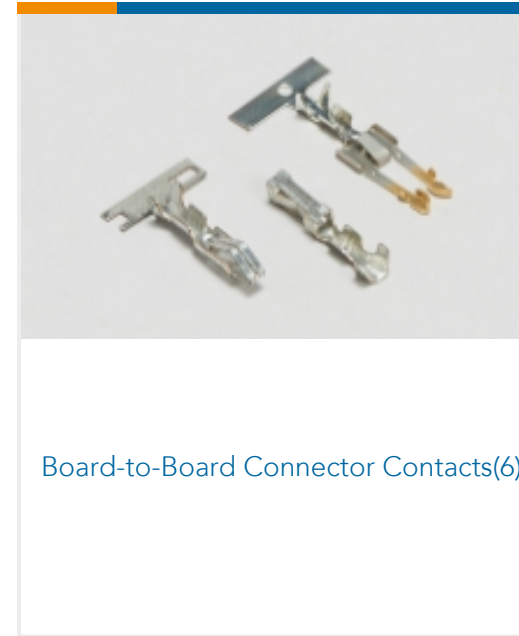
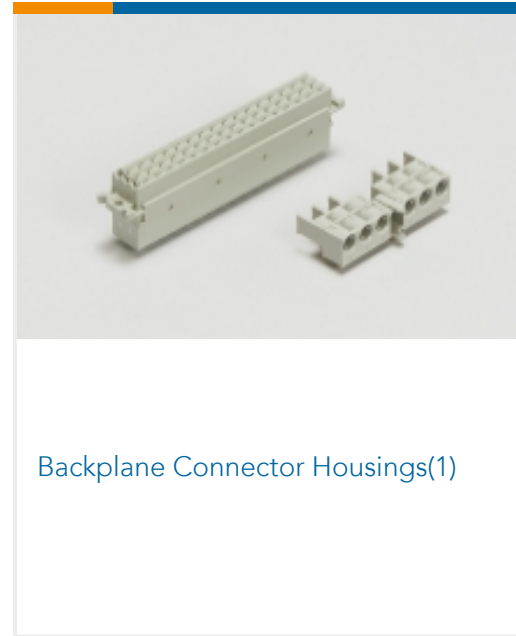
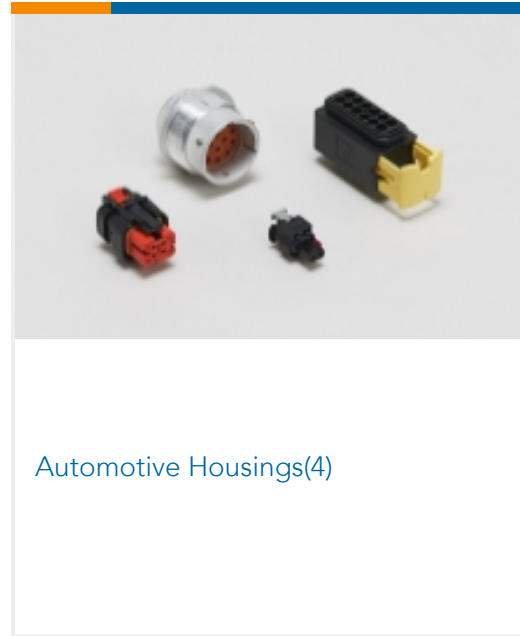
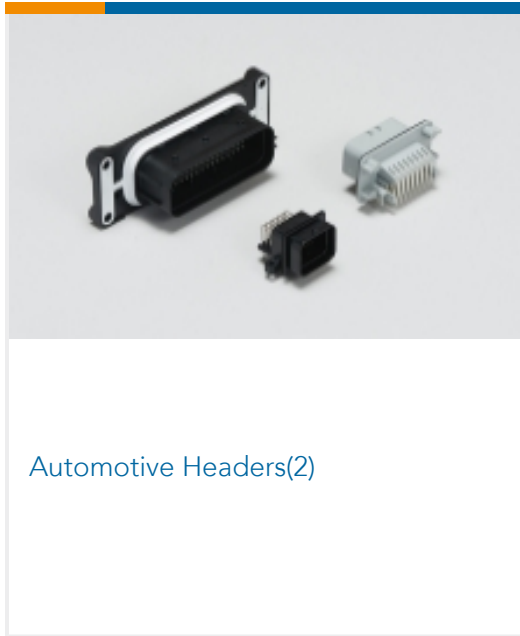
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

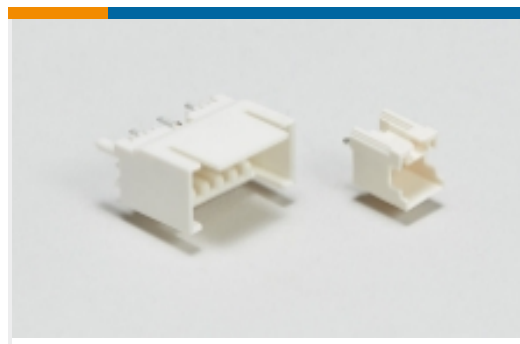


## Also in the Series | AMPMODU IV/V





Wire-to-Board Connector Contacts  
(318)



Wire-to-Board Headers & Receptacles  
(8)

## Customers Also Bought



TE Model / Part #7-2151579-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-  
120F155O



TE Model / Part #1564429-2  
26POS,MQS,REC HSG,ASSY



TE Model / Part #150681-4  
.187 SERIES FASTON RECEPT



TE Model / Part #2295154-4  
22POS,0.64 GENER. Y,REC HSG,ASSY,  
SLD



TE Model / Part #5-1355956-5  
47 WAY ABS CONNECTOR

## Documents

### Product Drawings

MOD IV RECP STMPD

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-85969-9\\_BR.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-85969-9\\_BR.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-85969-9\\_BR.3d\\_stp.zip](#)

English

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



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## Product Specifications

### Product Specification

English

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## Product Environmental Compliance

### TE Material Declaration

English