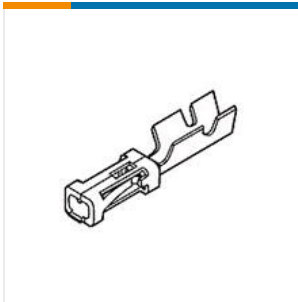




# WIRE-TO-BOARD CONNECTOR CONTACTS



Active

PRODUCT DRAWING  
English

3D PDF

TE CONNECTIVITY (TE)

## MOD V RECP PLTD SN

AMPMODU | AMPMODU IV/V

87309-8

TE Internal Number: 87309-8

Always EU RoHS/ELV Compliant

Contact Type **Socket**

Wire/Cable Size (AWG) **24 – 20**

Wire/Cable Size (mm<sup>2</sup>) **.2 – .6**

Contact Mating Area Plating Material **Tin**

Contact Current Rating (A) **3**

### Product Drawings

#### CONTACT, MOD V CRIMP SNAP-IN

PDF  
English

### CAD Files

#### Customer View Model

3D\_IGS.ZIP  
English

#### Customer View Model

3D\_STP.ZIP  
English

#### Customer View Model

2D\_DXF.ZIP  
English

#### 3D PDF

PDF  
English

#### 3D PDF

PDF  
3D

### Catalog Pages/Data Sheets

#### AMPMODU\_INTERCONNECTION\_SYSTEM\_SECTION5\_CONT

PDF  
English

### Product Specifications

Product Specification

#### AMPMODU MOD V Interconnection System Wire To Board High Pressure Contact

PDF  
English

Application Specification

#### AMPMODU MOD IV, IV1/2, And V Receptacles And Housings

PDF  
English

### Product Environmental Compliance

TE Material Declaration

#### MD\_87309-8\_021020161153\_dmtec

PDF  
English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

|                            |   |                              |
|----------------------------|---|------------------------------|
| Product Type Features      | Wire/Cable Type                             | <b>Discrete Wire</b>         |
|                            | Product Type                                | <b>Contact</b>               |
|                            | Applied Pressure                            | <b>High</b>                  |
|                            | With Insulation Support                     | <b>Yes</b>                   |
|                            | Applies To                                  | <b>Wire/Cable</b>            |
| Electrical Characteristics | Termination Resistance                      | <b>12 mΩ</b>                 |
|                            | Operating Voltage (VAC)                     | <b>250</b>                   |
|                            | Dielectric Withstanding Voltage (V)         | <b>750</b>                   |
|                            | Insulation Resistance (MΩ)                  | <b>5000</b>                  |
| Contact Features           | Contact Type                                | <b>Socket</b>                |
|                            | Contact Mating Area Plating Material        | <b>Tin</b>                   |
|                            | Contact Current Rating (A)                  | <b>3</b>                     |
|                            | Contact Mating Area Plating Thickness (μin) | <b>50 – 150</b>              |
|                            | Contact Base Material                       | <b>Phosphor Bronze</b>       |
|                            | Contact Transmits (Typical)                 | <b>Signal (Data)/Power</b>   |
| Termination Features       | Termination Method to Wire/Cable            | <b>Crimp</b>                 |
|                            | Crimp Area Plating Material Finish          | <b>Tin: Bright</b>           |
|                            | Crimp Area Plating Thickness (μin)          | <b>50 – 150</b>              |
|                            | Crimp Area Plating Material                 | <b>Tin over Nickel</b>       |
| Dimensions                 | Wire/Cable Size (AWG)                       | <b>24 – 20</b>               |
|                            | Wire/Cable Size (mm <sup>2</sup> )          | <b>.2 – .6</b>               |
|                            | Insulation Diameter                         | <b>1.75 mm [ .069 in ]</b>   |
| Usage Conditions           | Operating Temperature Range (°C)            | <b>-65 – 105</b>             |
| Industry Standards         | Approved Standards                          | <b>CSA LR7189, UL E28476</b> |
| Packaging Features         | Packaging Method                            | <b>Strip</b>                 |
|                            | Packaging Quantity                          | <b>12500</b>                 |

Other

Comment





(\*) For use with Model "K" machines. Call the Technical Assistance Center (1-800-522-6752) for part numbers of applicators for use with Model "G" machines, as well as other bench machines and fully automatic AMPOMATOR lead making machines.

Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

|  |  |  |   |
|--|--|--|---|
| <p>WIRE-TO-BOARD CONNECTOR HOUSINGS</p>  <p>60 MODIV HSG DR MRKD .100CL<br/>5-87456-2</p> <p><a href="#">Save to List</a><br/><a href="#">Find Similar Products</a></p> | <p>WIRE-TO-BOARD CONNECTOR HOUSINGS</p>  <p>04 MODIV HSG COMP DR .100CL<br/>4-87456-9</p> <p><a href="#">Save to List</a><br/><a href="#">Find Similar Products</a></p> | <p>WIRE-TO-BOARD CONNECTOR HOUSINGS</p>  <p>30 MODIV HSG COMP SR .100CL<br/>5-87499-8</p> <p><a href="#">Save to List</a><br/><a href="#">Find Similar Products</a></p> | <p>CRIMP D-SUB CONNECTORS</p>  <p>KIT, RCPT, 15P, HDP-20, SHLD HDWRE<br/>5787908-1</p> <p><a href="#">Save to List</a><br/><a href="#">Find Similar Products</a></p> |
|--|--|--|---|

Products - 10 Results

[View All](#)

[Compare 0/10](#)

Relation Type ▼

RELATIONSHIP

### Toolings

Tooling

[See All Toolings](#)

PRODUCT - TOOLINGS



Application Tooling - OCEAN Applicators AMP

**OC-PA-S-FA-050F062O-001-0155 - 2-2266308-2**

TE INTERNAL NUMBER: 2-2266308-2

✓ Active

Not in Scope for EU RoHS/ELV Compliance

Region **Worldwide**

Tool Type **Applicator**

Spare Parts Tooling **No**

Applicator Style **OCEAN - Pacific**

Applicator Feed Style **Side Feed**

RELATIONSHIP

## Toolings

Tooling

[See All Toolings](#)

PRODUCT - TOOLINGS



Application Tooling - OCEAN Applicators  
AMP

**OC-PA-S-FM-050F062O-  
001-0155 - 2-2266308-1**

TE INTERNAL NUMBER: 2-2266308-1

✓ Active

Not in Scope for EU RoHS/ELV  
Compliance

Region **Worldwide**

Tool Type **Applicator**

Spare Parts Tooling **No**

Applicator Style **OCEAN - Pacific**

Applicator Feed Style **Side Feed**

RELATIONSHIP

## Toolings

Tooling

[See All Toolings](#)

PRODUCT - TOOLINGS



Application Tooling - OCEAN Applicators  
AMP

**OC-AT-S-FA-050F062O-  
001-0155 - 2266308-2**

TE INTERNAL NUMBER: 2266308-2

✓ Active

Not in Scope for EU RoHS/ELV  
Compliance

Region **Worldwide**

Tool Type **Applicator**

Spare Parts Tooling **No**

Applicator Style **OCEAN -  
Atlantic**

Applicator Feed Style **Side Feed**