

87756-6 ✓ ACTIVE

AMPMODU | AMPMODU IV/V

TE Internal #: 87756-6

Socket Contact, Tin (Sn), 250 VAC, Locking Lance Contact

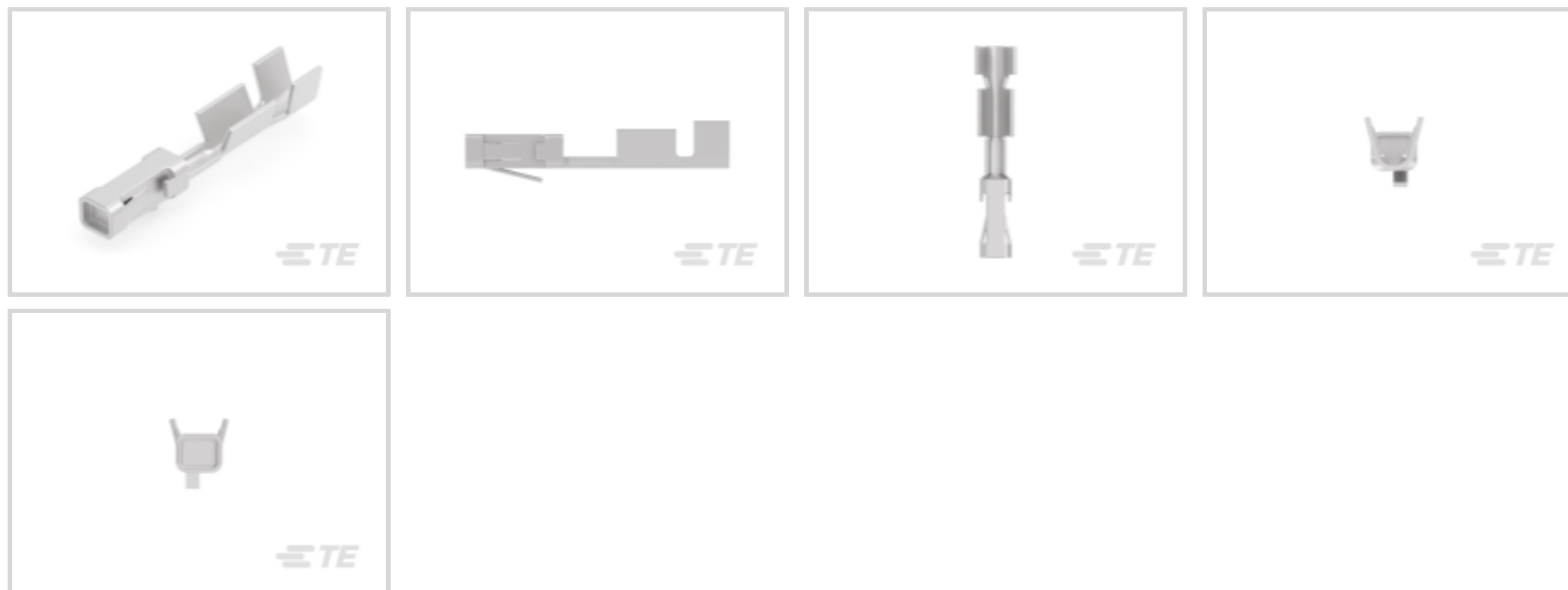
Retention, .64mm Contact Size, Discrete Wire, 26 – 22 AWG, .12 – .

4 mm² Wire, AMPMODU IV/V

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin (Sn)**

Wire Contact Termination Area Plating Material: **Tin**

Operating Voltage: **250 VAC**

Contact Retention Within Housing: **With**

Features

Product Type Features

| | |
|--------------------|----------|
| Discrete Wire Type | Stranded |
| Applied Pressure | Standard |
| Sealable | No |

Configuration Features

| | |
|-----------------------------------|---------------|
| Compatible With Wire & Cable Type | Discrete Wire |
|-----------------------------------|---------------|

Electrical Characteristics

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

Contact Features

| | |
|--|------------------------------|
| Contact Orientation | Straight |
| Contact Mating Area Plating Material Thickness | 1.27 – 3.81 μm[50 – 150 μin] |
| Mating Square Post Dimension | .64 mm[.025 in] |

| | |
|---|------------------------------|
| Contact Length | 11.3 mm[.445 in] |
| Wire Contact Termination Area Plating Thickness | 1.27 – 3.81 µm[50 – 150 µin] |
| Barrel Type | Open |
| Contact Type | Socket |
| Contact Mating Area Plating Material | Tin (Sn) |
| Wire Contact Termination Area Plating Material | Tin |
| Contact Retention Within Housing | With |
| Contact Size | .64mm |
| Contact Base Material | Copper Tin Phosphor Bronze |
| Contact Current Rating (Max) | 3 A |

Termination Features

| | |
|------------------------------------|--------------|
| Termination Method to Wire & Cable | Crimp |
| Product Terminates To | Wire & Cable |

Mechanical Attachment

| | |
|---------------------------------------|---------------|
| Wire Insulation Support | With |
| Contact Retention Type Within Housing | Locking Lance |

Dimensions

| | |
|--------------------------------------|----------------------|
| Compatible Insulation Diameter Range | 1.55 mm[.061 in] |
| Wire Size | 236.823 – 789.41 CMA |

Usage Conditions

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

Operation/Application

| | |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Industry Standards

| | |
|---|-----------------------|
| Compatible With Approved Standards Products | CSA LR7189, UL E28476 |
|---|-----------------------|

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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



TE Part # 6-87631-4
58 MODIV HSG DR MRKD .100 POL



TE Part # 1-87977-6
36 MODIV HSG DR MRKD .100 POL



TE Part # 1-87977-4
32 MODIV HSG DR MRKD .100POL



TE Part # 5-87977-7
56 MODIV HSG DR MRKD .100 POL



TE Part # 3-87631-8
42 MODIV HSG DR MRKD .100 POL



TE Part # 6-87631-6
64 MODIV HSG DR MRKD .100 POL



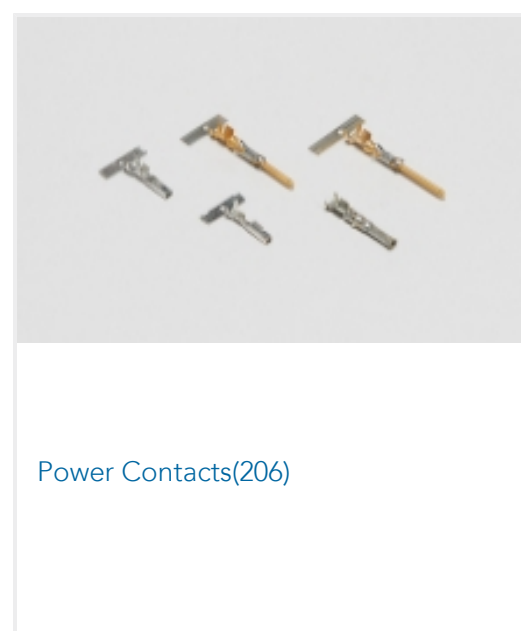
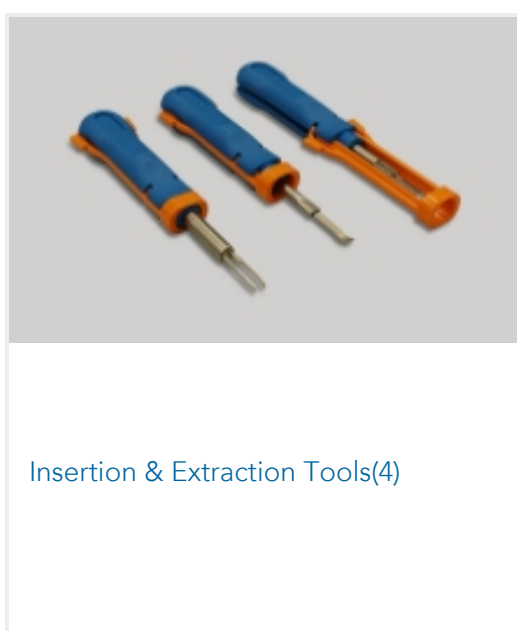
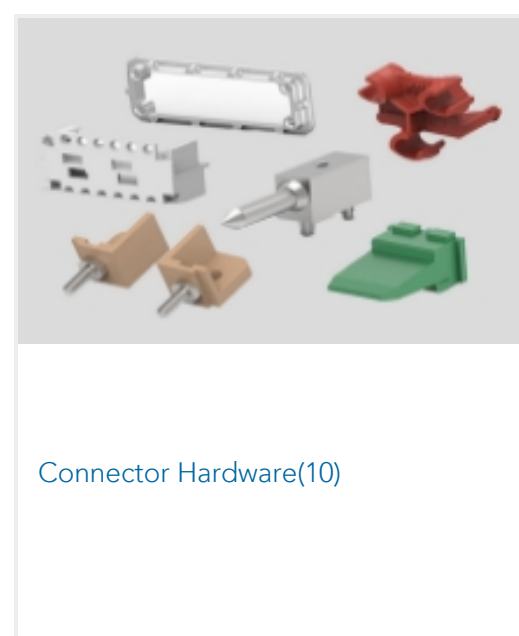
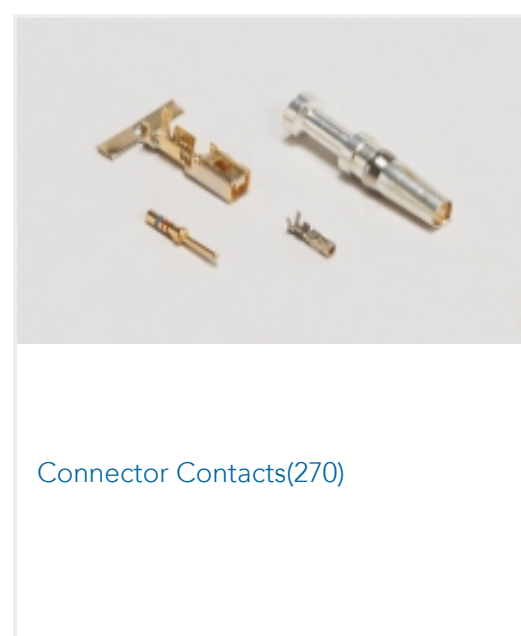
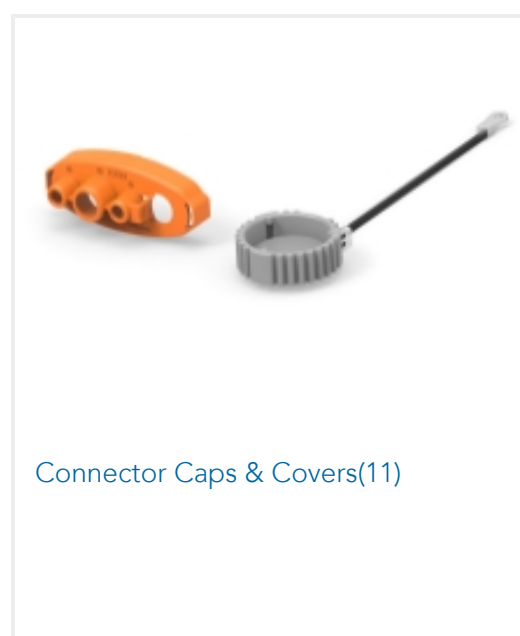
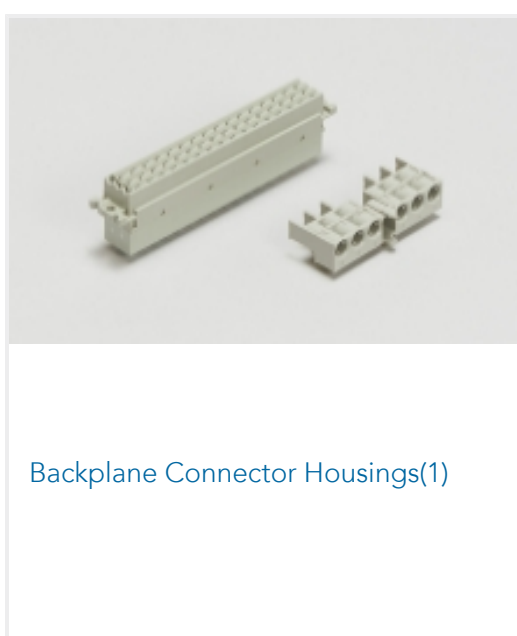
TE Part # 87977-7
18 MODIV HSG DR MRKD .100 POL



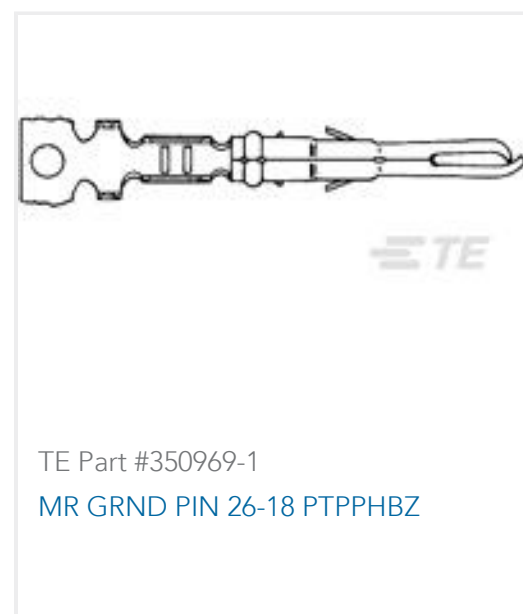
TE Part # 5-87977-4
72 MODIV HSG COMP DR .100 POL



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



Customers Also Bought



Documents

Product Drawings

[MOD IV RECP PLTD SN](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_87756-6_AH.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_87756-6_AH.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_87756-6_AH.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages



[AMP MODU IV & V Section of Catalog 1307819](#)

English

[AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT](#)

English

[1-1773720-9_AMPMODU_MOD_IV_V_QRG](#)

English

[Product Specifications](#)

[Application Specification](#)

English