

87269-1 ✓ ACTIVE

AMPMODU | AMPMODU LOCKING CLIP

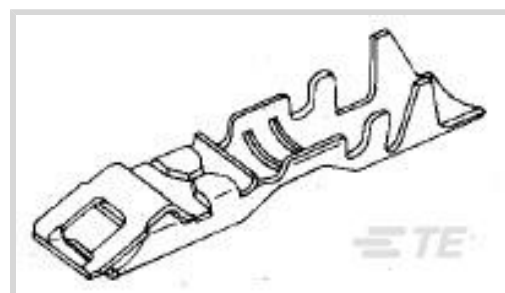
TE Internal #: 87269-1

Socket Contact, Tin-Lead, 250 VAC, 22 – 18 AWG Wire Size, .3 – .9 mm² Wire Size, 642.4 – 1624 CMA Wire Size, Crimp, AMPMODU LOCKING CLIP

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Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

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

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

Operating Voltage: **250 VAC**

Wire Size: **22 – 18 AWG**

Features

Electrical Characteristics

| | |
|---------------------------------------|---------|
| Termination Resistance | 12 mΩ |
| Insulation Resistance | 5000 MΩ |
| Dielectric Withstanding Voltage (Max) | 1200 V |
| Operating Voltage | 250 VAC |

Contact Features

| | |
|--|------------------|
| Mating Tab Width | 1.57 mm[.062 in] |
| Mating Tab Thickness | .78 mm[.031 in] |
| Contact Underplating Material | Nickel |
| PCB Contact Termination Area Plating Material | Tin-Lead |
| Contact Type | Socket |
| Contact Mating Area Plating Material | Tin-Lead |
| Wire Contact Termination Area Plating Material | Tin-Lead |
| Contact Base Material | Phosphor Bronze |
| Contact Current Rating (Max) | 5 A |

Termination Features

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

Mechanical Attachment



| | |
|-------------------------|------|
| Wire Insulation Support | With |
|-------------------------|------|

Dimensions

| | |
|--------------------------------------|------------------------------|
| Compatible Insulation Diameter Range | 1.27 – 2.54 mm [.05 – .1 in] |
| Wire Size | 642.4 – 1624 CMA |

Usage Conditions

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

Operation/Application

| | |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Industry Standards

| | |
|---|------------------------|
| Compatible With Approved Standards Products | CSA LR16455, UL E28476 |
|---|------------------------|

Packaging Features

| | |
|--------------------|-------|
| Packaging Quantity | 6000 |
| Packaging Method | Strip |

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (13% in Component Part) Article Safe Usage Statements: 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

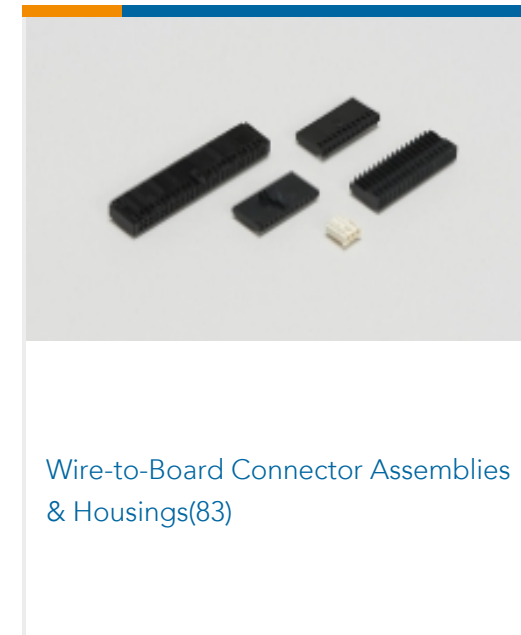
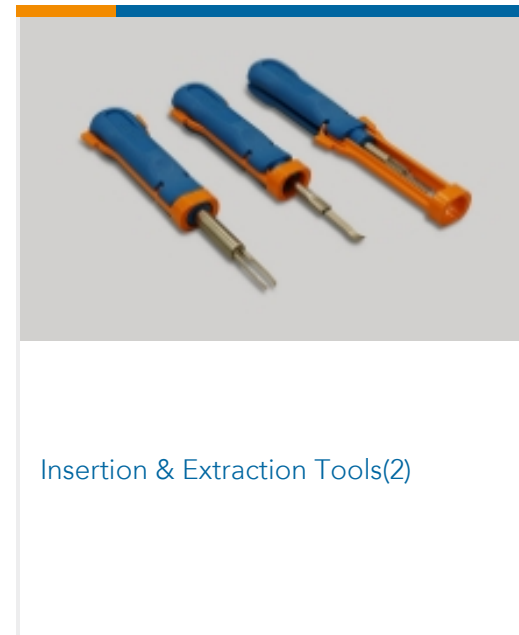
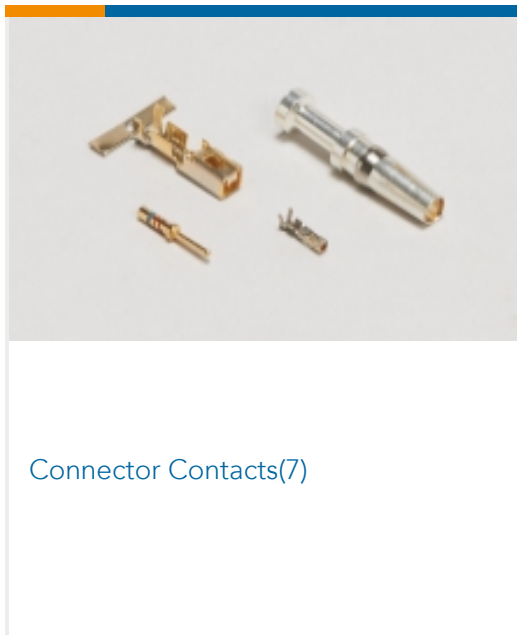
numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the 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

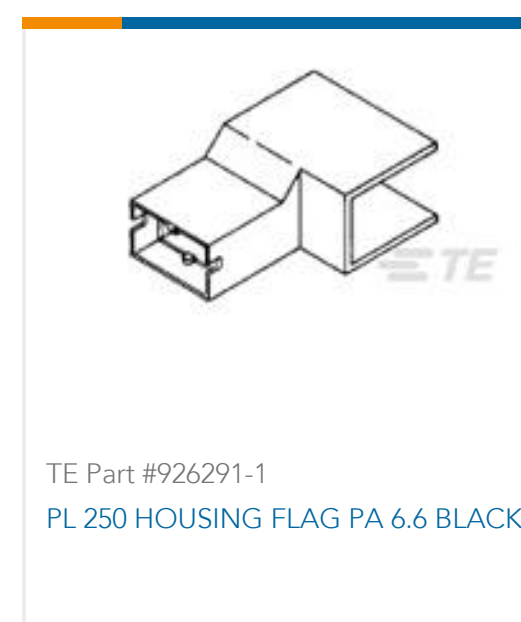
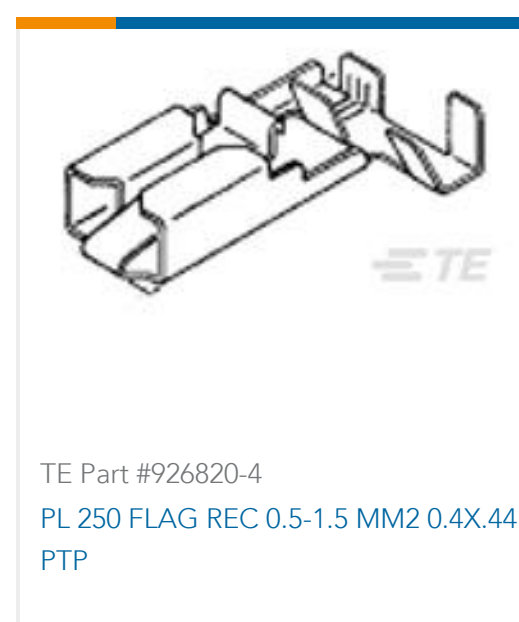




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Documents

Product Drawings

[LOCKING CLIP CONT ASSY 31X62](#)

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Product Specifications

[Application Specification](#)

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[Locking Clip Contact .031 X .062](#)

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[Instruction Sheets](#)

[Instruction Sheet \(U.S.\)](#)

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[AMPMODU LOCKING CLIP CONTACTS AND CONNECTORS FOR .031 BY .062 POSTS](#)

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