



WIRE-TO-BOARD CONNECTOR CONTACTS



TE CONNECTIVITY (TE) LOCKING CLIP ASSY .025 SQ LP AMP | AMPMODU , SQ

87191-2
TE Internal Number: 87191-2

Not EU RoHS or ELV Compliant
[Find Compliant Alternatives](#)

Contact Type **Socket**

Wire/Cable Size (AWG) **30 – 28**

Wire/Cable Size (mm²) **.05 – .09**

Contact Mating Area Plating Material **Tin**

Contact Current Rating (A) **3**

✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

Product Drawings

[CONTACT - LOCKING CLIP FOR 0.64\[.025\] SQUARE POST](#)
PDF (TIFF AVAILABLE)
English

[CONTACT - LOCKING CLIP FOR 0.64\[.025\] SQUARE POST](#)
PDF (TIFF AVAILABLE)
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

Product Specifications

Application Specification

[Locking Clip 0.64-Mm \(.025-In.\) Square Contacts And Housings](#)
PDF
English

Instruction Sheets

Instruction Sheet (U.S.)

[AMPMODU Locking Clip Contacts And Housings For 0.64mm Square Posts](#)
PDF
English

[AMPMODU Locking Clip Contacts And Housings For 0.64mm Square Posts](#)
TIF
English

[Hand Crimping Tool 90295-1](#)
PDF
English

[Hand Crimping Tool 90295-1](#)

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 | Product Type | Contact |
| | With Insulation Support | Yes |
| Electrical Characteristics | Termination Resistance | 12 mΩ |
| | Dielectric Withstanding Voltage (V) | 750 |
| | Insulation Resistance (MΩ) | 5000 |
| Body Features | Post Size | .025 in, .64 mm |
| Contact Features | Contact Type | Socket |
| | Contact Mating Area Plating Material | Tin |
| | Contact Current Rating (A) | 3 |
| | Contact Style | Locking Clip |
| | Contact Shape | Square |
| | Contact Mating Area Plating Thickness (μin) | 100 |
| | Contact Base Material | Phosphor Bronze |
| | Solder Tail Contact Plating Material Finish | Bright |
| | Contact Spring Material | Stainless Steel |
| | Solder Tail Contact Plating Material | Tin over Nickel |
| Contact Mating Area Plating Material Finish | Bright | |
| Termination Features | Termination Method to Wire/Cable | Crimp |
| | Crimp Area Plating Thickness (μin) | 100 |
| | Crimp Area Plating Material | Tin-Lead |
| Dimensions | Wire/Cable Size (AWG) | 30 – 28 |
| | Wire/Cable Size (mm ²) | .05 – .09 |
| | Insulation Diameter | .74 – .99 mm [.029 – .039 in] |
| Usage Conditions | Operating Temperature Range (°C) | -65 – 105 |
| Industry Standards | Approved Standards | UL E28474 |

| Industry Standards | Approved Standards | UL E28470 |
|--------------------|--------------------|--|
| Packaging Features | Packaging Method | Loose Piece |
| | Packaging Quantity | 1000 |
| Other | Comment | <p>(*) 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., Extraction Tool No. 91084-1 is used for removing individual contacts from connector housings and for detaching contacts from mating posts., These contacts must be crimped in accordance with AMP Specification No. 114-25006 in order to function properly in a connector housing.</p> |

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)