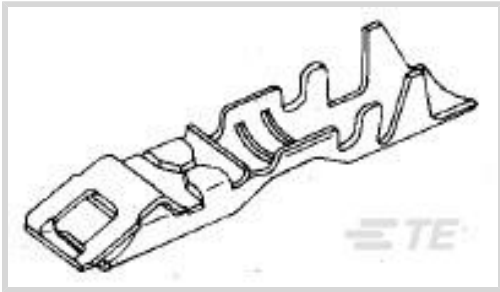




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Contacts



Contact Type: **Socket**

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

Wire Size: **.3 – .9 mm<sup>2</sup>**

Features

Product Type Features

|                                   |               |
|-----------------------------------|---------------|
| 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) | 1200 V  |
| Operating Voltage                     | 250 VAC |

Contact Features

|                                                |                  |
|------------------------------------------------|------------------|
|                                                | 15 μin           |
| Mating Tab Width                               | 1.57 mm[.062 in] |
| Mating Tab Thickness                           | .78 mm[.031 in]  |
| Wire Contact Termination Area Plating Material | Gold Flash       |
| Contact Underplating Material                  | Nickel           |
| PCB Contact Termination Area Plating Material  | Gold Flash       |
| Contact Base Material                          | Phosphor Bronze  |
| Contact Type                                   | Socket           |
| Contact Mating Area Plating Material           | Gold             |
| Contact Current Rating (Max)                   | 5 A              |

Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|



Mechanical Attachment

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

Dimensions

|                                        |                             |
|----------------------------------------|-----------------------------|
| Accepts Wire Insulation Diameter Range | 1.27 – 2.54 mm[.05 – .1 in] |
| Wire Size                              | .3 – .9 mm²                 |

Usage Conditions

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

Operation/Application

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

Industry Standards

|                    |           |
|--------------------|-----------|
| Approved Standards | UL E28476 |
|--------------------|-----------|

Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Quantity | 1000        |
| Packaging Method   | Loose Piece |

Other

|         |                                                                                                                                                                                                                                                 |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Comment | (*) For use with Model "K" machines. Call the Technical Assistance Center (1-800-522-6752) for any tooling questions., These contacts must be crimped per AMP Specification No. 114-25008 in order to function properly in a connector housing. |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Product Compliance

For compliance documentation, visit the product page on TE.com>

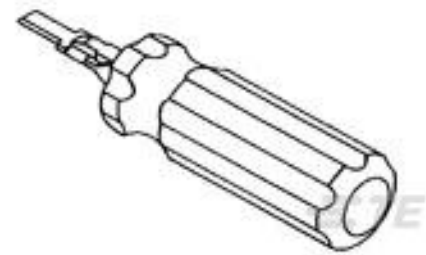
|                                               |                                                                                                                               |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 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 2021 (211)<br>Candidate List Declared Against: JAN 2021 (211)<br>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 # 91104-1  
EXTRACTION TOOL



TE Part # 2217766-1  
CCII LOCKING CLIP 22-18 ASSY

Also in the Series | AMPMODU LOCKING CLIP



Insertion & Extraction Tools(4)



PCB Connector Keying(1)



Wire-to-Board Connector Assemblies  
& Housings(89)



Wire-to-Board Connector Contacts(7)

Customers Also Bought



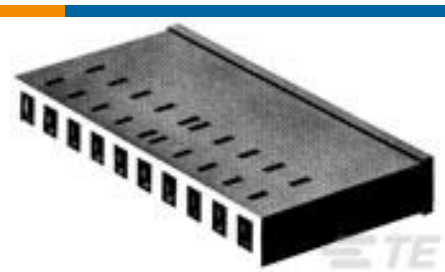
TE Part #2-320571-5  
PIDG RING TONGUE TERMINALS



TE Part #131644-1  
TERM, PIDG, 20 AWG, IR, #4 STUD



TE Part #132016-1  
TERMINAL PIDG RING TONGUE 20



TE Part #1-87270-3  
03 LOCK CLIP HSG SR .156CL





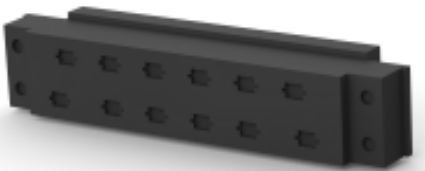
TE Part #1577637-1

TERMINAL RT PIDG PEEK STRATO 14-12 AWG



TE Part #1649329-6

RTE24024



TE Part #171260-3

FF 250 TAB HSG 12P NYLON BLACK



TE Part #ZPF000000000017982

FDBA 50-12-10 SN-K 090

TE Part #134755-2

TERMINAL STRATO-THERM 2 0

Documents

Product Drawings

LOCKING CLIP ASSY 31X62 LP

English

Datasheets & Catalog Pages

AMPMODU\_INTERCONNECTION\_SYSTEM\_SECTION\_6\_7AND8

English

Product Specifications

Application Specification

English

Locking Clip Contact .031 X .062

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Hand Crimping Tool 90308-1

English

Instruction Sheet (U.S.)

English

AMPMODU LOCKING CLIP CONTACTS AND CONNECTORS FOR .031 BY .062 POSTS

English