# 181271-1 ✔ ACTIVE

AMPMODU | AMPMODU IV/V

TE Internal #: 181271-1

Gold (Au), Socket Contact, 30 – 28 AWG, .05 – .09 mm² Wire, Snap-In Contact Retention, Phosphor Bronze, Signal, AMPMODU IV/V

View on TE.com >

Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold (Au)**

Contact Retention Type Within Housing: **Snap-In**

Wire Size: **.05 – .09 mm²**

## Features

### Product Type Features

| | |
|---|---|
| Applied Pressure | Standard |

### Contact Features

| | |
|---|---|
| Contact Orientation | Straight |
| PCB Contact Termination Area Plating Material | Gold Flash |
| Contact Mating Area Plating Material Thickness | .4 µm[15.748 µin] |
| Contact Type | Socket |
| Contact Mating Area Plating Material | Gold (Au) |
| Contact Base Material | Phosphor Bronze |
| Contact Current Rating (Max) | 3 A |

### Termination Features

| | |
|---|---|
| Product Terminates To | Wire & Cable |

### Mechanical Attachment

| | |
|---|---|
| Wire Insulation Support | With |
| PCB Mount Retention | Without |
| Contact Retention Type Within Housing | Snap-In |

### Dimensions

| | |
|---|---|
| Compatible Insulation Diameter Range | .64 – 1.27 mm[.025 – .05 in] |
| Wire Size | .05 – .09 mm² |

### Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -40 – 80 °C[-40 – 176 °F] |

### Operation/Application

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

### Packaging Features

| | |
|---|---|
| Packaging Method | Loose Piece |
| Packaging Quantity | 2000 |

## 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: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Not applicable for solder process capability |

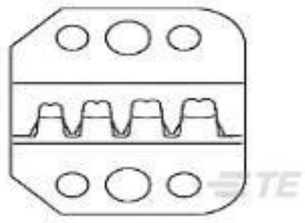
Product Compliance Disclaimer

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

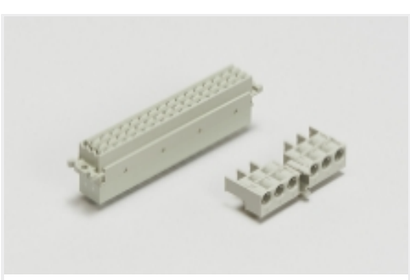


TE Part # 58654-1
PRO-CRIMP TL & DIE MOD II

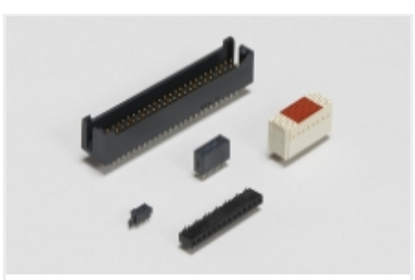


TE Part # 58654-2
PRO-CRIMPER DIE SET ONLY

## Also in the Series | AMPMODU IV/V



Backplane Connector Housings(1)



Board-to-Board Headers & Receptacles(125)



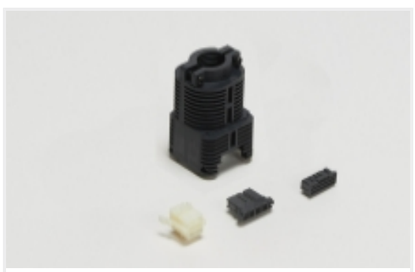
Connector Contacts(179)



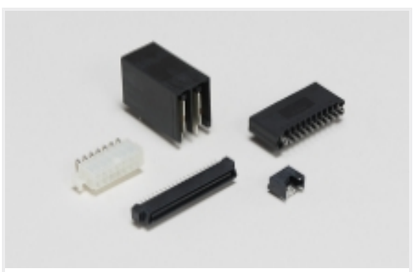
Connector Hardware(8)



Power Contacts(140)



Rectangular Connector Housings(294)



Standard Rectangular Connectors(295)



Wire-to-Board Connector Assemblies & Housings(295)

## Customers Also Bought



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #DT04-2P
REC, 2P, GRY, N



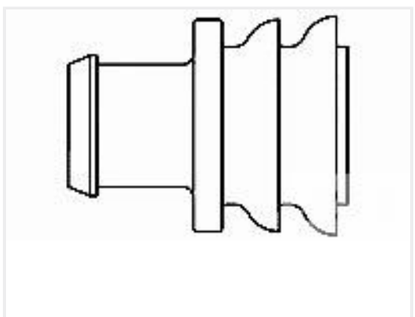
TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

## Documents

### Product Drawings

MOD 2 CONTACT REC.

English

### CAD Files

3D PDF

English

Customer View Model

ENG_CVM_181271-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_181271-1_A.3d_stp.zip

English

Customer View Model

ENG_CVM_181271-1_A.2d_dxf.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

### Product Specifications

Application Specification

English