

181271-2 ✓ ACTIVE

AMPMODU | AMPMODU IV/V

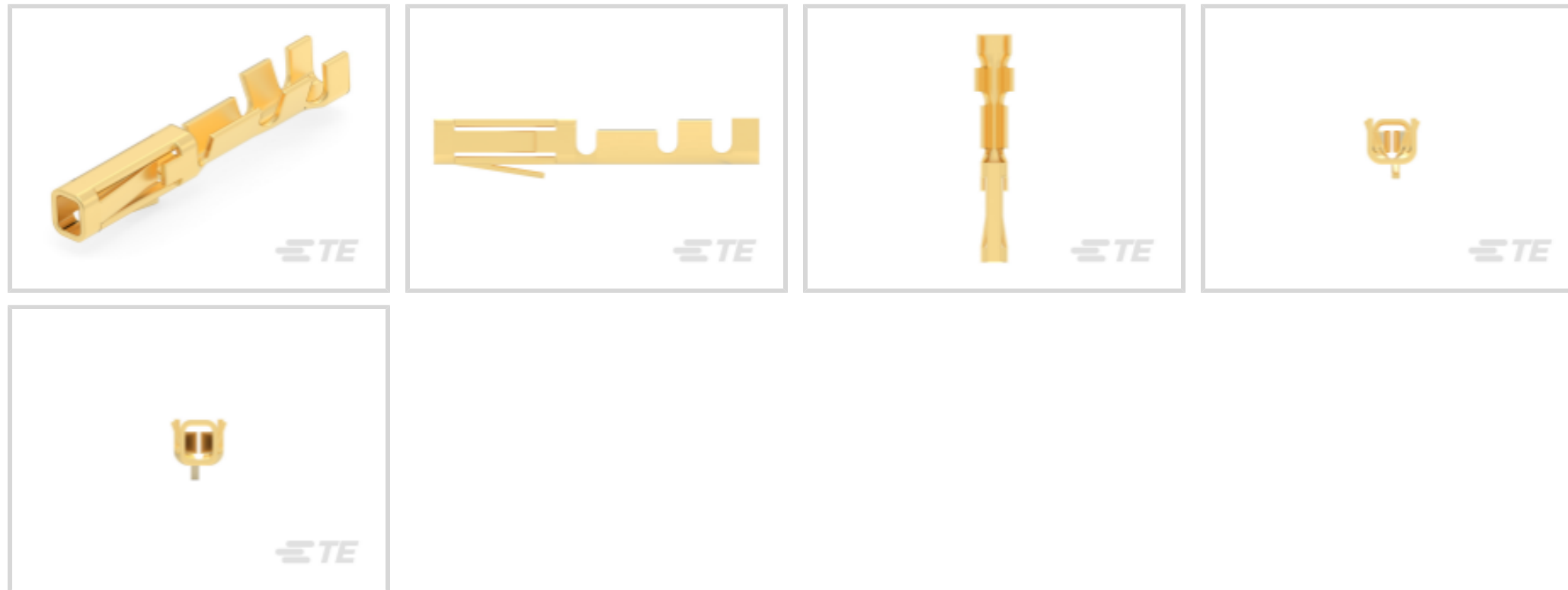
TE Internal #: 181271-2

Connector Contact, Socket, Gold, 30 – 28 AWG Wire Size, .05 – .09 mm<sup>2</sup> Wire Size, Straight, Wire & Cable, 3 A, Signal, AMPMODU IV/V

[View on TE.com >](#)



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



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold**

Wire Size: **.05 – .09 mm<sup>2</sup>**

Contact Orientation: **Straight**

## Features

### Product Type Features

Applied Pressure	Standard
Connector & Contact Terminates To	Wire & Cable

### Contact Features

Contact Mating Area Plating Material Thickness	.4 μm[15.748 μin]
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 Orientation	Straight
Contact Current Rating (Max)	3 A

### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

Wire Insulation Support	With
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PCB Mount Retention

Without

### Dimensions

Compatible Insulation Diameter Range

1.75 mm[.069 in]

Wire Size

.05 – .09 mm<sup>2</sup>

### Usage Conditions

Operating Temperature Range

-40 – 80 °C[-40 – 176 °F]

### Operation/Application

Circuit Application

Signal

### Packaging Features

Packaging Quantity

2000

Packaging Method

Loose Piece

## Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 2023 (235)  
 Candidate List Declared Against: JUNE 2023 (235)  
 Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free






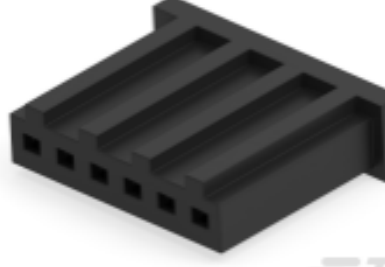











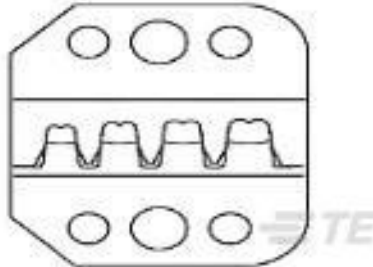


Solder Process Capability

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>

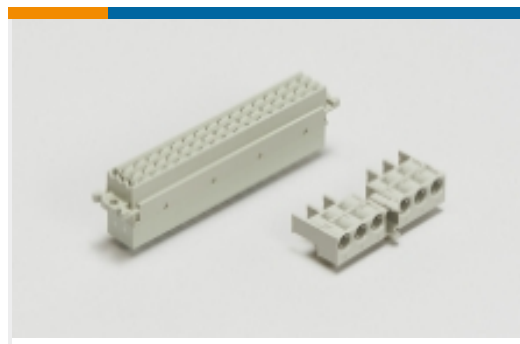
## Compatible Parts

 <p>TE Part # 280514 AMPMODU II REC. HSG, SINGLE ROW, 12 POS.</p>	 <p>TE Part # 280366 AMPMODU II REC. HSG DUAL ROW, 16 POS.</p>	 <p>TE Part # 280365 AMPMODU, DBL ROW, CONTACT REC</p>	 <p>TE Part # 280361 AMPMODU II REC. HSG, SINGLE ROW 8 POS</p>
 <p>TE Part # 280515 AMPMODU II REC. HSG, DUAL ROW, 24 POS.</p>	 <p>TE Part # 280360 AMPMODU II REC. HSG, SINGLE ROW 6 POS</p>	 <p>TE Part # 280513 AMPMODU II REC. HSG, DUAL ROW, 18 POS</p>	 <p>TE Part # 280359 AMPMODU II REC. HSG, SINGLE ROW, 4 POS.</p>
 <p>TE Part # 280368 AMPMODU II REC. HSG, DUAL ROW, 30 POS.</p>	 <p>TE Part # 280363 AMPMODU II REC. HSG, SINGLE ROW, 15 POS.</p>	 <p>TE Part # 284123-1 AMPMODU II REC. HSG, DUAL ROW, 10 POS.</p>	 <p>TE Part # 58654-1 PRO-CRIMP TL &amp; DIE MOD II</p>
 <p>TE Part # 280362 AMPMODU II REC. HSG, SINGLE ROW, 10 POS.</p>	 <p>TE Part # 280358 AMPMODU II REC. HSG, SINGLE ROW 2 POS</p>	 <p>TE Part # 280512 AMPMODU II REC. HSG, SINGLE ROW, 9 POS.</p>	 <p>TE Part # 281018 AMPMODU II REC. HSG, DUAL ROW, 36 POS.</p>
 <p>TE Part # 280364 AMPMODU II COSI REC. HSG, SGL ROW, 22POS</p>	 <p>TE Part # 58654-2 PRO-CRIMPER DIE SET ONLY</p>	 <p>TE Part # 172656-2 REC CONT MODU MOD 2 (PRE-TIN)</p>	 <p>TE Part # 280369 AMPMODU II REC. HSG, DUAL ROW, 44 POS.</p>

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



Automotive Housings(2)



Backplane Connector Housings(1)



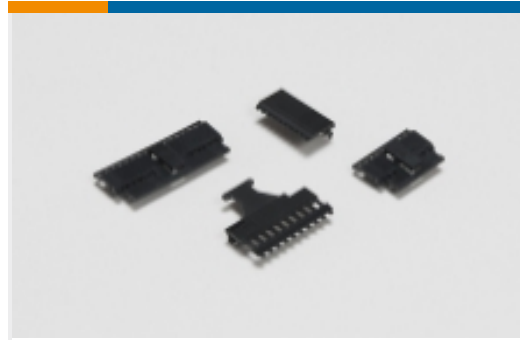
Board-to-Board Connector Contacts(6)



Connector Strain Relief(3)



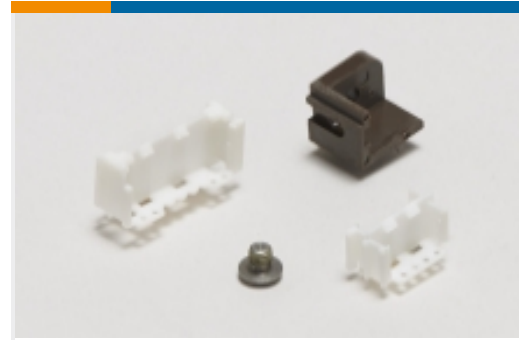
Insertion & Extraction Tools(4)



PCB Connector Covers(18)



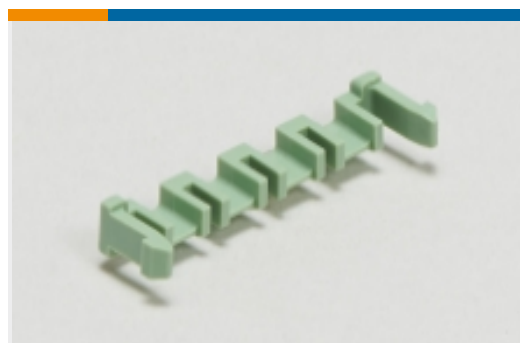
PCB Connector Keying(6)



PCB Connector Mounting(1)



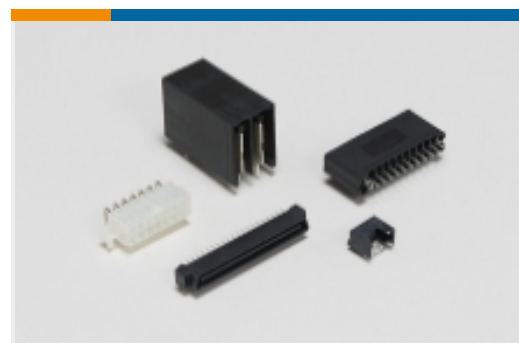
PCB Headers & Receptacles(934)



PCB Latches, Locks & Retainers(7)



Rectangular Connector Housings(5)



Standard Rectangular Connectors(8)

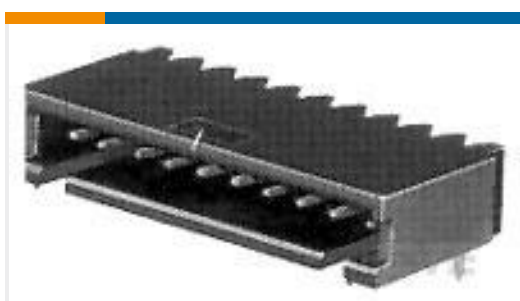


Wire-to-Board Connector Assemblies & Housings(447)



Wire-to-Board Connector Contacts (322)

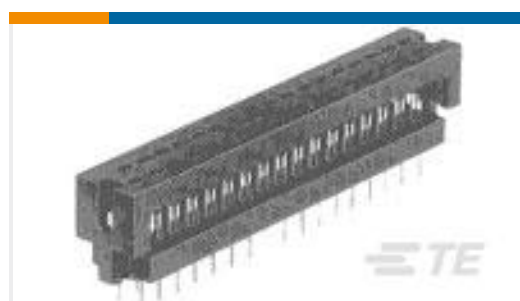
## Customers Also Bought



TE Part #3-102203-4  
03 MODII HDR SRRA SHRD .100CL



TE Part #2-1761603-5  
IDC LOW PRO HDR 14P VERT BLUE



TE Part #1658525-2  
622-3453LF, PCB IDC, LEAD FREE



TE Part #5-1614352-1  
RN 0603 2K0 0.1% 10PPM CUT LENGTH



## Documents

### Product Drawings

#### MOD 2 CONTACT REC.

English

### CAD Files

#### 3D PDF

English

#### Customer View Model

[ENG\\_CVM\\_181271-2\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_181271-2\\_A.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_181271-2\\_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

### Product Environmental Compliance

#### TE Material Declaration

English