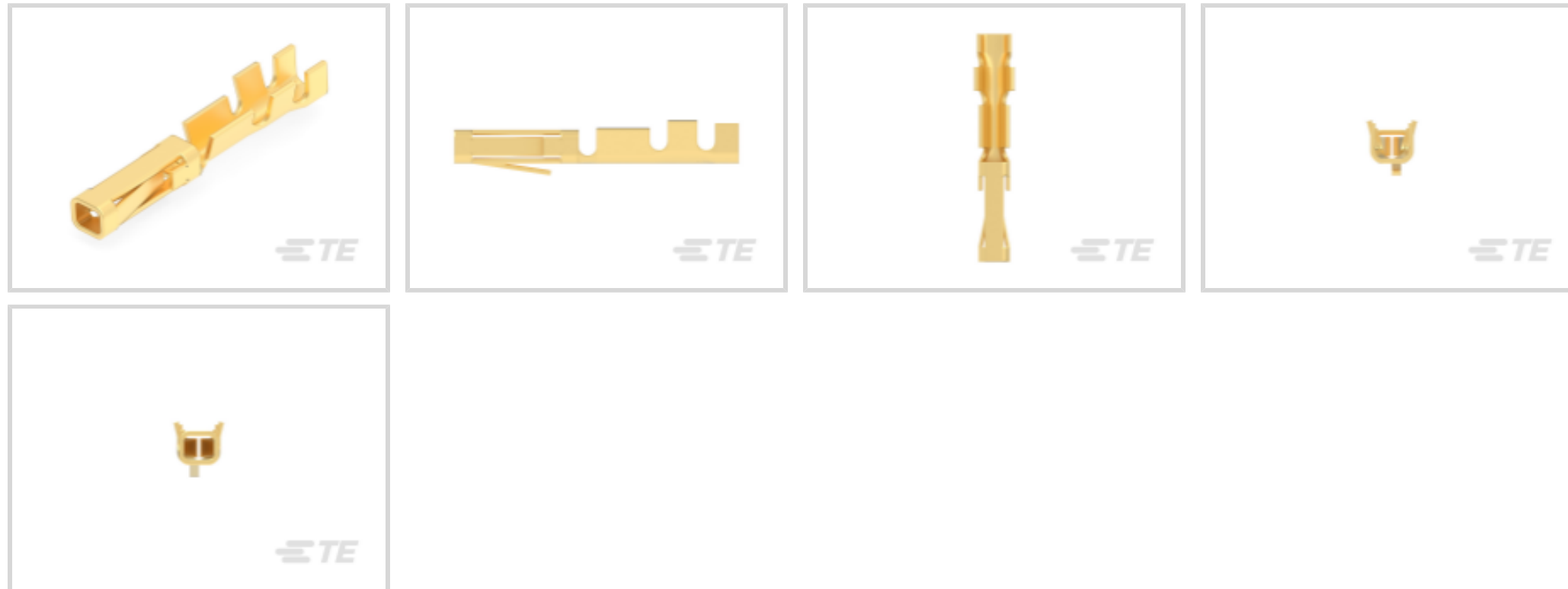




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

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

Wire Contact Termination Area Plating Material: **Gold Flash**

Operating Voltage: **40 VDC**

## Features

### Product Type Features

Discrete Wire Type	Solid or Stranded
Applied Pressure	Standard
Sealable	No

### Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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### Electrical Characteristics

Operating Voltage	40 VDC
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### Contact Features

Contact Underplating Material	Nickel
Contact Orientation	Straight
Contact Underplating Material Thickness	1.3 μm[51.18 μin]
Contact Mating Area Plating Material Thickness	.8 μm[31.49 μin]
Mating Square Post Dimension	.64 mm[.025 in]
Contact Length	12 mm[.472 in]



Barrel Type	Open
Contact Type	Socket
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Gold Flash
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	3 A

### Termination Features

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

### Mechanical Attachment

Wire Insulation Support	With
Contact Retention Type Within Housing	Locking Lance

### Dimensions

Compatible Insulation Diameter Range	.89 – 1.55 mm [.035 – .061 in]
Wire Size	254.1 – 642.5 CMA

### Usage Conditions

Operating Temperature Range	-40 – 80 °C [-40 – 176 °F]
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### Operation/Application

Circuit Application	Signal
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### Packaging Features

Packaging Quantity	40000
Packaging Method	Reel

### 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	Out of Scope
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 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC



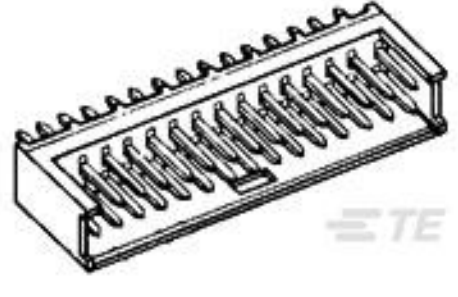




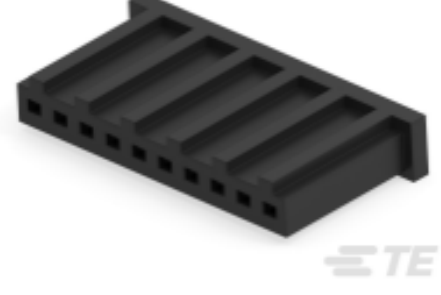
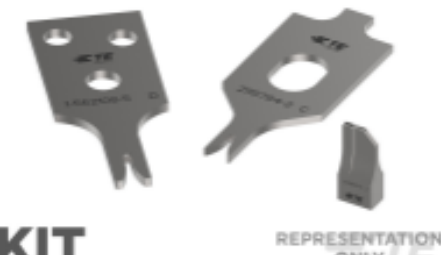


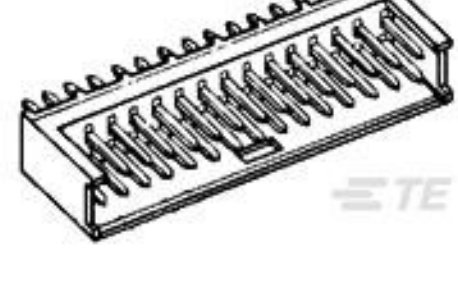


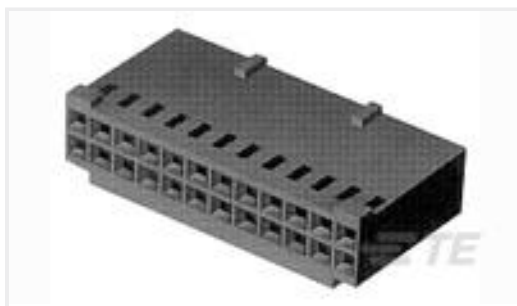
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

**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 # 280358 AMPMODU II REC. HSG, SINGLE ROW 2 POS</p>	 <p>TE Part # 2151969-2 OCEAN_2.0_APPLICATOR-S-055F062O-RSA</p>	 <p>TE Part # 280509-1 BARRE MODU 2 2X 9</p>	 <p>TE Part # 91537-1 CCII .100 FFC PIN REC 26-22 ASSY</p>
 <p>TE Part # 280364 AMPMODU II COSI REC. HSG, SGL ROW, 22POS</p>	 <p>TE Part # 280361 AMPMODU II REC. HSG, SINGLE ROW 8 POS</p>	 <p>TE Part # 280369 AMPMODU II REC. HSG, DUAL ROW, 44 POS.</p>	 <p>TE Part # 280362 AMPMODU II REC. HSG, SINGLE ROW, 10 POS.</p>
 <p><b>KIT</b> TE Part # 7-2151969-7 OCEAN_2.0_SPARE_PART_KIT-055F062O</p>	 <p>TE Part # 280512 AMPMODU II REC. HSG, SINGLE ROW, 9 POS.</p>	 <p>TE Part # 58535-1 PRO-CRIMPER ASSY MODU MODII</p>	 <p>TE Part # 280521-1 2X12P AMPMODU II SHRD HDR, ST, TIN</p>



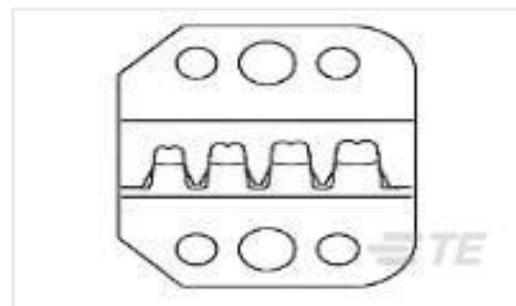
TE Part # 280368  
AMPMODU II REC. HSG, DUAL ROW,  
30 POS.



TE Part # 280363  
AMPMODU II REC. HSG, SINGLE  
ROW, 15 POS.



TE Part # 280513  
AMPMODU II REC. HSG, DUAL ROW,  
18 POS



TE Part # 58535-2  
PRO-CRIMPER ASSY MODU



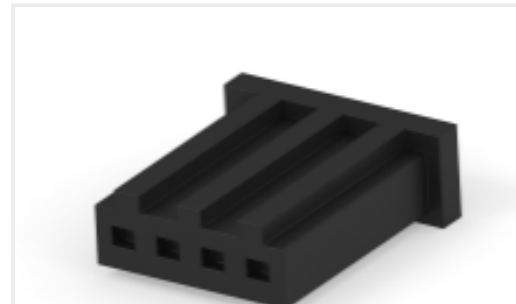
TE Part # 280365  
AMPMODU, DBL ROW, CONTACT  
REC



TE Part # 2151969-1  
OCEAN\_2.0\_APPLICATOR-S-  
055F062O-RSM

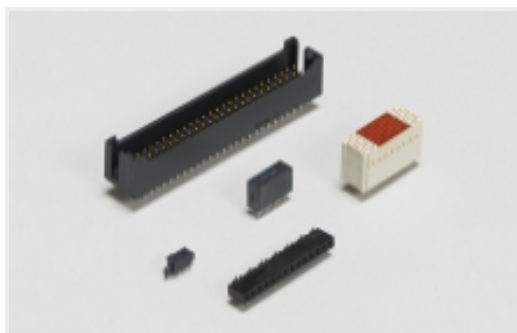


TE Part # 280514  
AMPMODU II REC. HSG, SINGLE  
ROW, 12 POS.



TE Part # 280359  
AMPMODU II REC. HSG, SINGLE  
ROW, 4 POS.

## Also in the Series | AMPMODU IV/V



Board-to-Board Headers &  
Receptacles(517)



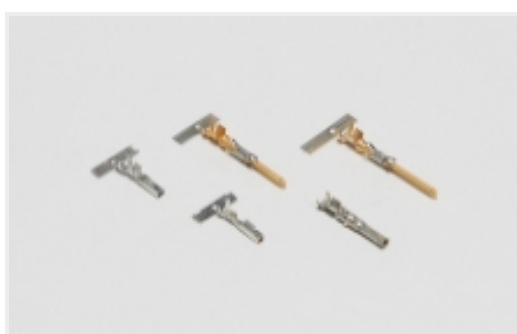
Connector Caps & Covers(11)



Connector Contacts(270)



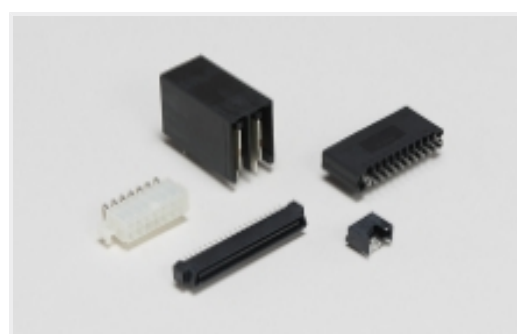
Connector Hardware(10)



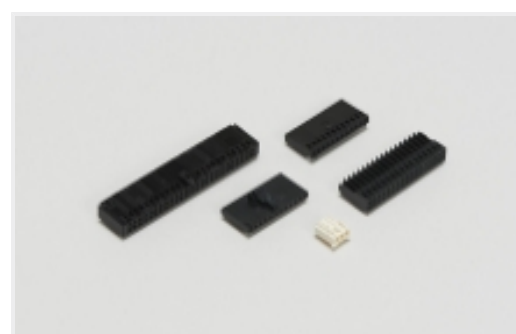
Power Contacts(206)



Rectangular Connector Housings(5)

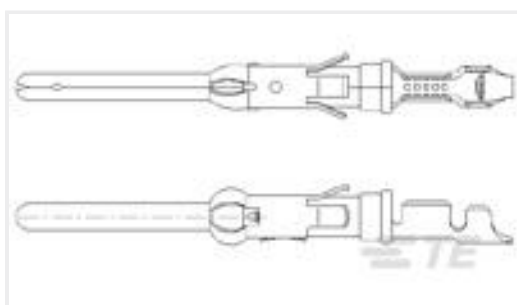


Standard Rectangular Connectors(8)



Wire-to-Board Connector Assemblies  
& Housings(393)

## Customers Also Bought



TE Part #1-163086-0  
SPEC. PLATED



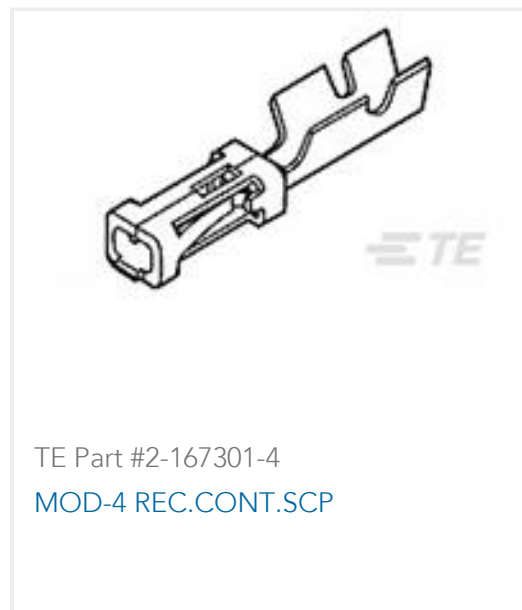
TE Part #165295  
SOLIS DIN 1.5-2.5 R M3



TE Part #170361-3  
MINI UNIVERSAL M-N-L SOCKET



TE Part #280513  
AMPMODU II REC. HSG, DUAL ROW,  
18 POS



## Documents

### Product Drawings

#### MOD2 BUCHSE

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_280530-4\\_AN\\_c-280530-4-an.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_280530-4\\_AN\\_c-280530-4-an.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_280530-4\\_AN\\_c-280530-4-an.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Product Specifications

#### Application Specification

English