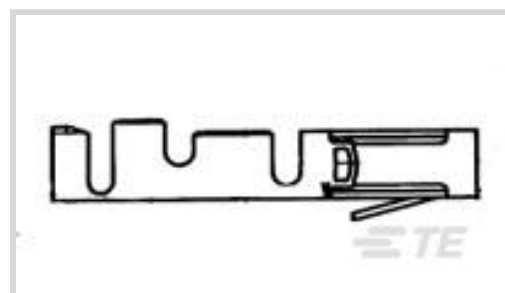




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Contacts



Contact Type: **Socket**

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

Wire Size: **.2 – .5 mm<sup>2</sup>**

## Features

### Product Type Features

Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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### Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
Wire Contact Termination Area Plating Thickness	.8 μm
Wire Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.8 μm
Contact Base Material	Phosphor Bronze
Contact Type	Socket
Contact Mating Area Plating Material	Pre-Tin
Contact Current Rating (Max)	3 A

### Termination Features

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

Wire Insulation Support	With
Connector Mounting Type	Cable Mount (Free-Hanging)

### Dimensions



Accepts Wire Insulation Diameter Range	1.6 mm[.063 in]
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Wire Size	.2 – .5 mm <sup>2</sup>
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### 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	20000
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Packaging Method	Reel
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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#### 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 # 280514  
 AMPMODU II REC. HSG, SINGLE ROW, 12 POS.



TE Part # 280366  
 AMPMODU II REC. HSG DUAL ROW, 16 POS.



TE Part # 280365  
 AMPMODU, DBL ROW, CONTACT REC



TE Part # 280521-1  
 2X12P AMPMODU II SHRD HDR, ST, TIN



TE Part # 280515  
 AMPMODU II REC. HSG, DUAL ROW, 24 POS.



TE Part # 280360  
 AMPMODU II REC. HSG, SINGLE ROW 6 POS



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



TE Part # 280509-1  
 BARRE MODU 2 2X 9




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



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



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



TE Part # 284123-1  
 AMPMODU II REC. HSG, DUAL ROW, 10 POS.



TE Part # 280362  
 AMPMODU II REC. HSG, SINGLE ROW, 10 POS.



TE Part # 280358  
 AMPMODU II REC. HSG, SINGLE ROW 2 POS



TE Part # 280512  
 AMPMODU II REC. HSG, SINGLE ROW, 9 POS.



TE Part # 281018  
 AMPMODU II REC. HSG, DUAL ROW, 36 POS.



TE Part # 280361  
 AMPMODU II REC. HSG, SINGLE ROW 8 POS



TE Part # 280364  
 AMPMODU II COSI REC. HSG, SGL ROW, 22POS

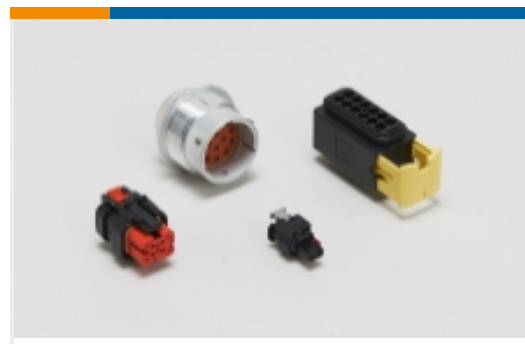


TE Part # 2-2151822-1  
 OC-PA-S-FM-055F062F-001-0137

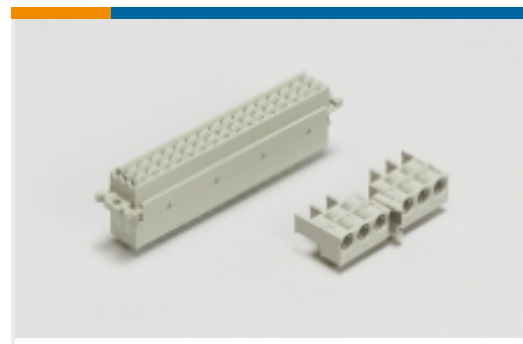


TE Part # 2-2151822-2  
 OC-PA-S-FA-055F062F-001-0137

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



Automotive Housings(2)



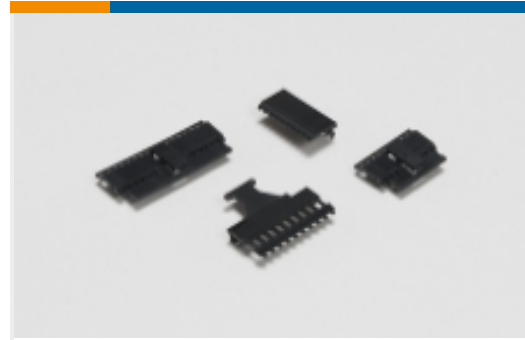
Backplane Connector Housings(1)



Board-to-Board Connector Contacts(6)



Insertion & Extraction Tools(4)



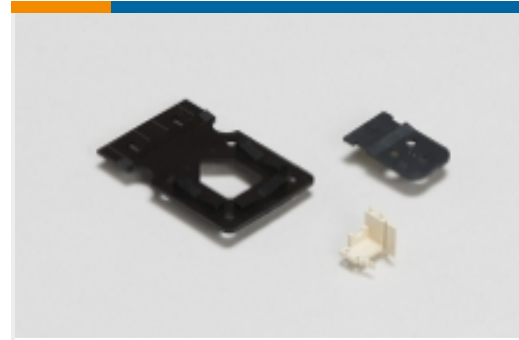
PCB Connector Covers(18)



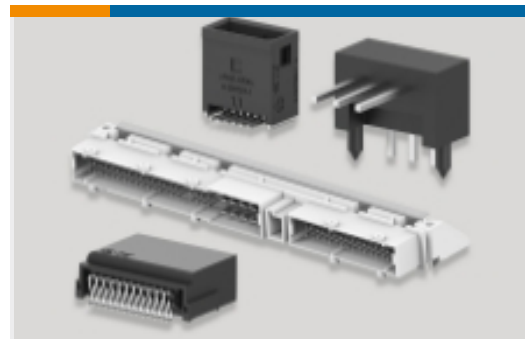
PCB Connector Keying(6)



PCB Connector Mounting(1)



PCB Connector Strain Relief(3)



PCB Headers & Receptacles(939)



PCB Latches, Locks & Retainers(9)



Rectangular Connector Housings(5)



Standard Rectangular Connectors(8)



Wire-to-Board Connector Assemblies & Housings(467)



Wire-to-Board Connector Contacts (326)

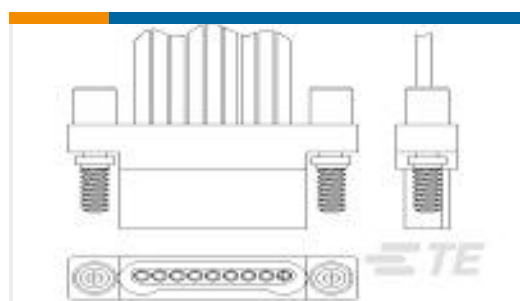
## Customers Also Bought



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



TE Part #284123-1  
 AMPMODU II REC. HSG, DUAL ROW, 10 POS.



TE Part #2-1589455-7  
 SSL015PC2DC012N = WDUALOBE



TE Part #3-1879021-7  
 SMW3 3R3 5%



TE Part #6-535512-2  
06 MODII HORZ DR CE EESS .100



TE Part #YDTS32F23NV0010000  
DUST COVER ASSEM

TE Part #5416072-1  
TERM, PCB,BRAID PIC lead free

TE Part #AAE9505-00  
TMFH1-25-40-1-ZN-L35

## Documents

### Product Drawings

20AWG MOD 2 CRIMP TIN PLATE

English

### Product Specifications

Application Specification

English