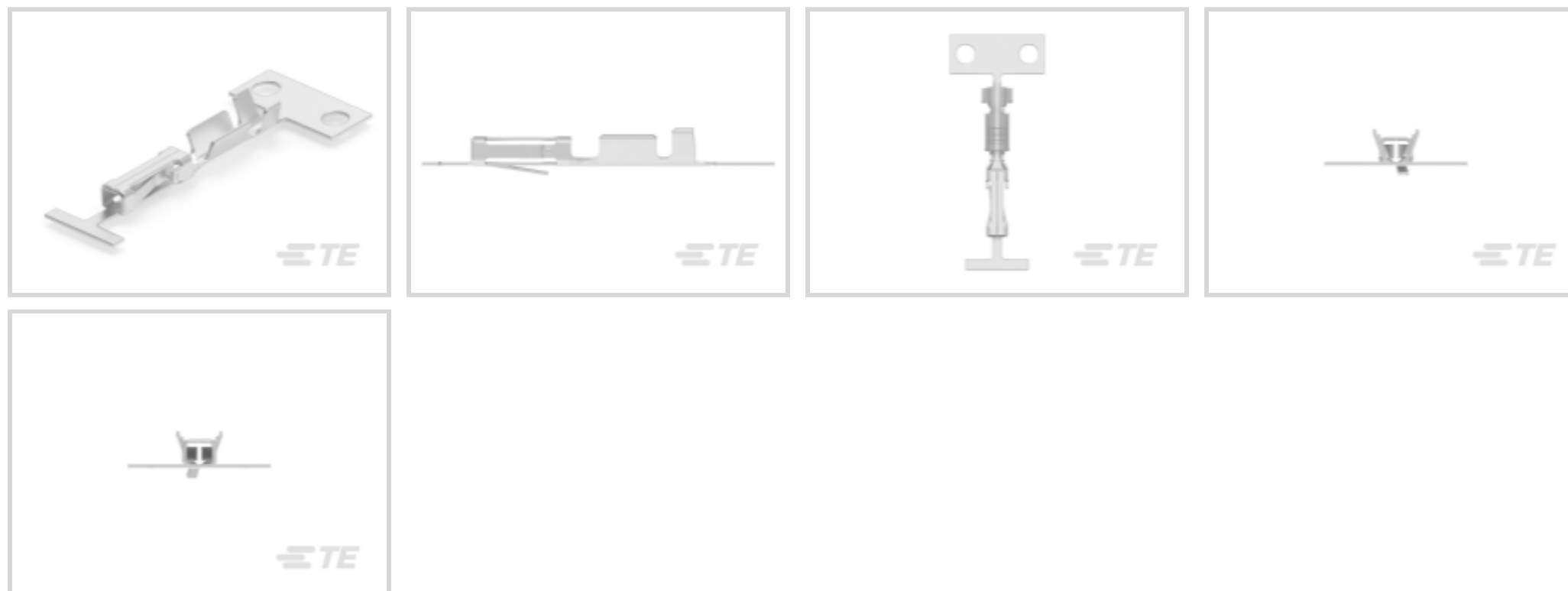




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Contacts



Contact Type: **Socket**

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

Wire Size: **.2 – .5 mm²**

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	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

Compatible Insulation Diameter Range	1.6 mm[.063 in]
Wire Size	.2 – .5 mm ²

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
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	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 # 280521-1 2X12P AMPMODU II SHRD HDR, ST, TIN</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 # 280509-1 BARRE MODU 2 2X 9</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 # 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>



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



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

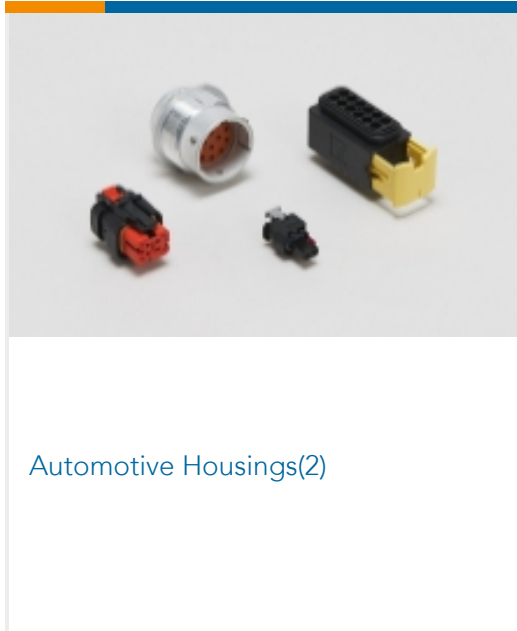


TE Part # 2151822-1
OCEAN-2.0-APPLICATOR-S--055F062F

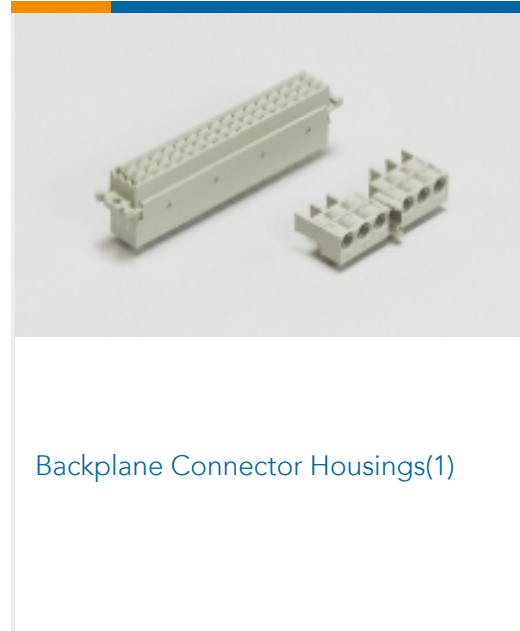


TE Part # 2151822-2
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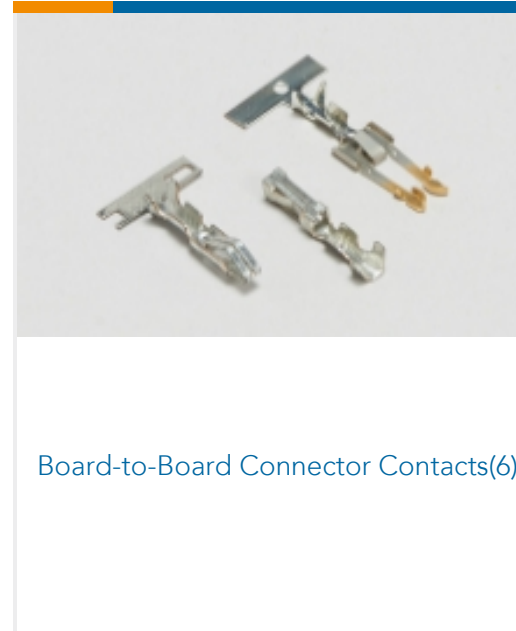
Also in the Series | AMPMODU IV/V



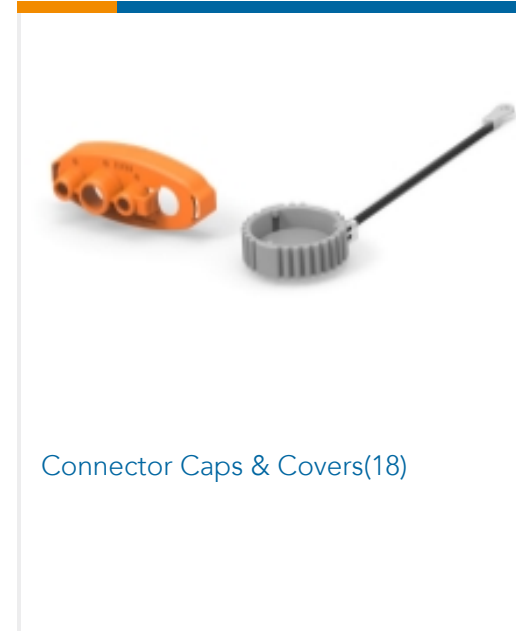
Automotive Housings(2)



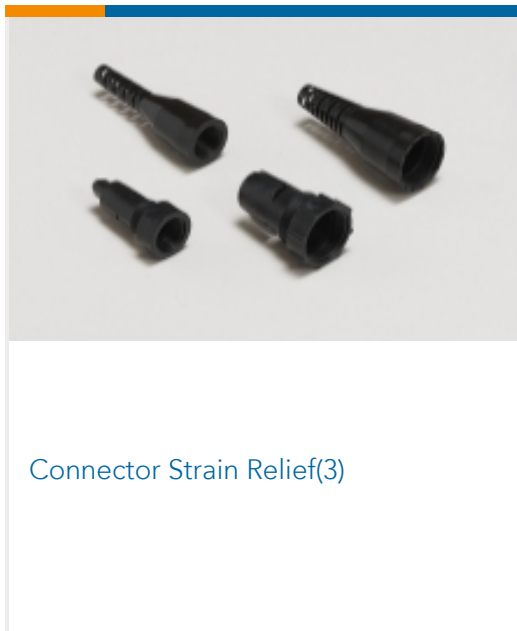
Backplane Connector Housings(1)



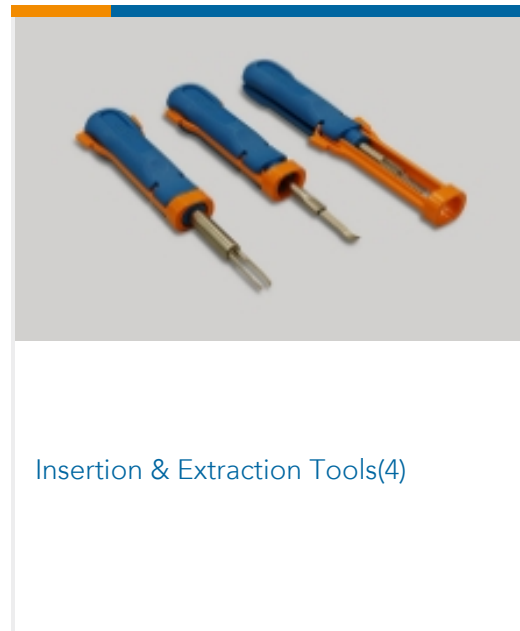
Board-to-Board Connector Contacts(6)



Connector Caps & Covers(18)



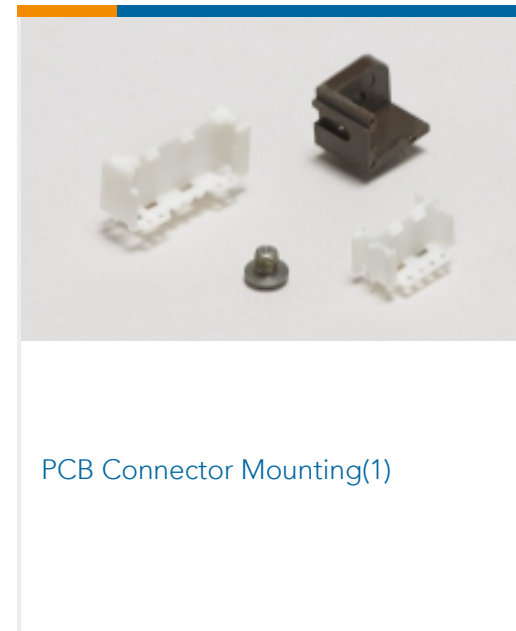
Connector Strain Relief(3)



Insertion & Extraction Tools(4)



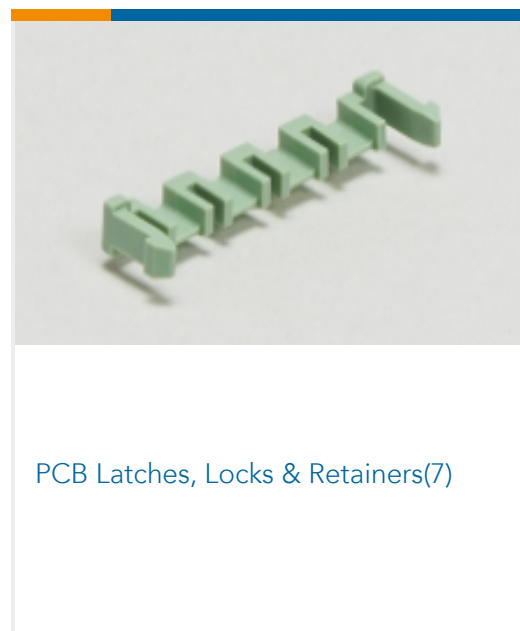
PCB Connector Keying(6)



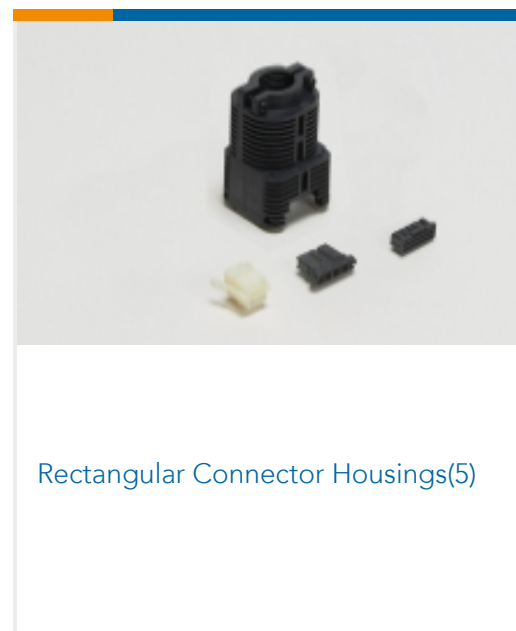
PCB Connector Mounting(1)



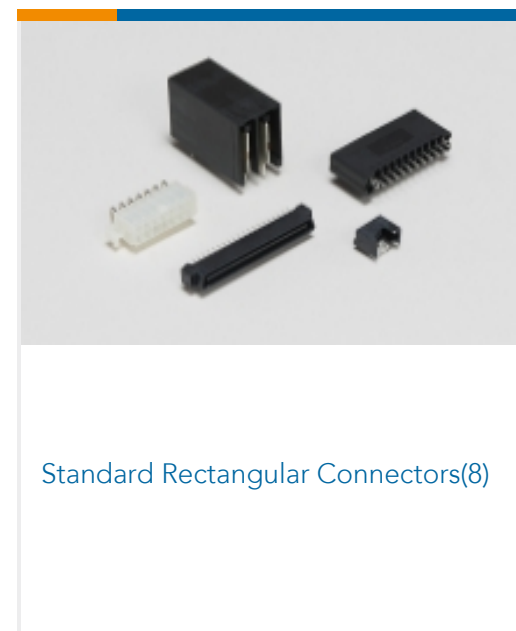
PCB Headers & Receptacles(934)



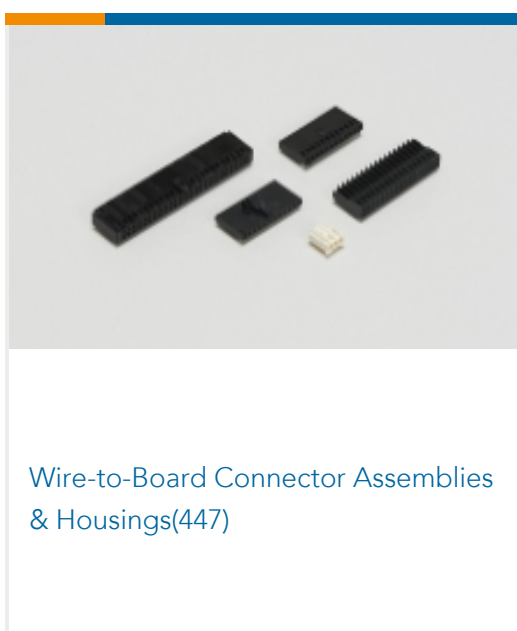
PCB Latches, Locks & Retainers(7)



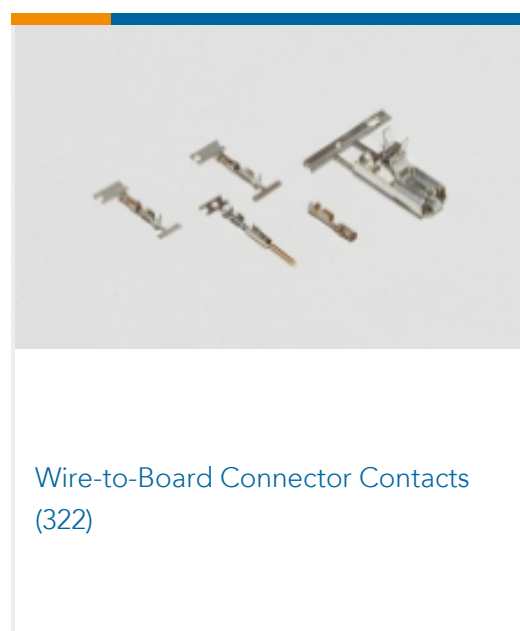
Rectangular Connector Housings(5)



Standard Rectangular Connectors(8)



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



Wire-to-Board Connector Contacts
(322)

Customers Also Bought



Documents

Product Drawings

20AWG MOD 2 CRIMP TIN PLATE

English

Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English