

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
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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
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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 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 Method	Loose Piece
Packaging Quantity	2000

Product Compliance

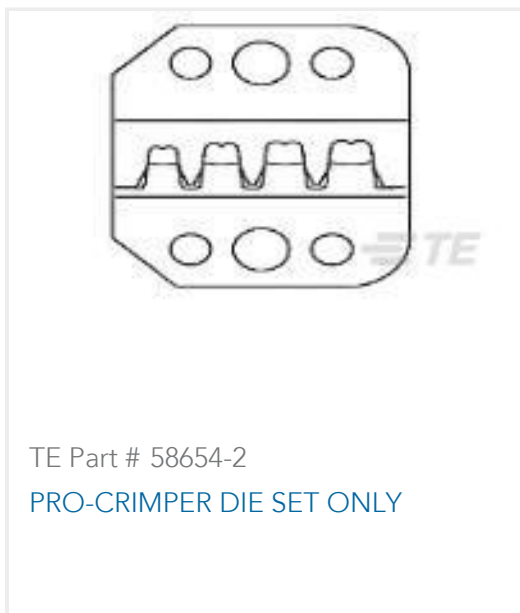
[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

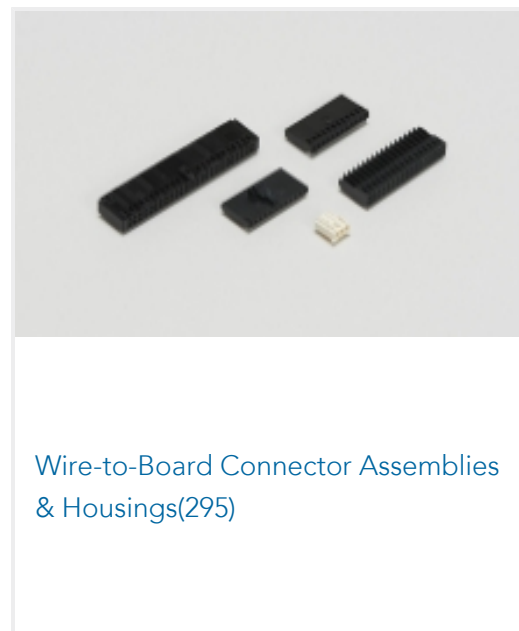
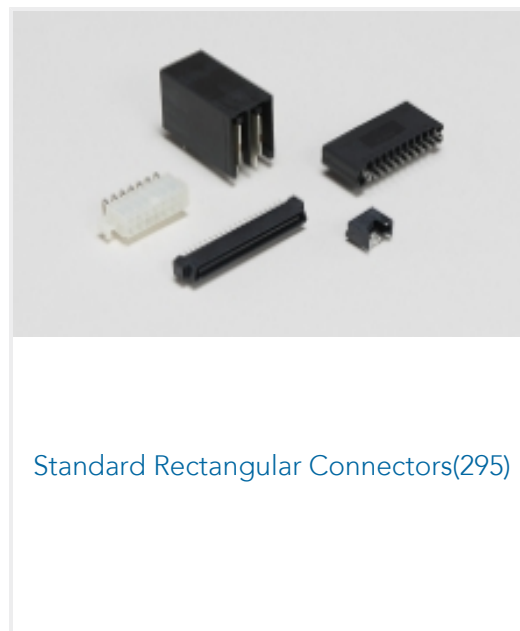
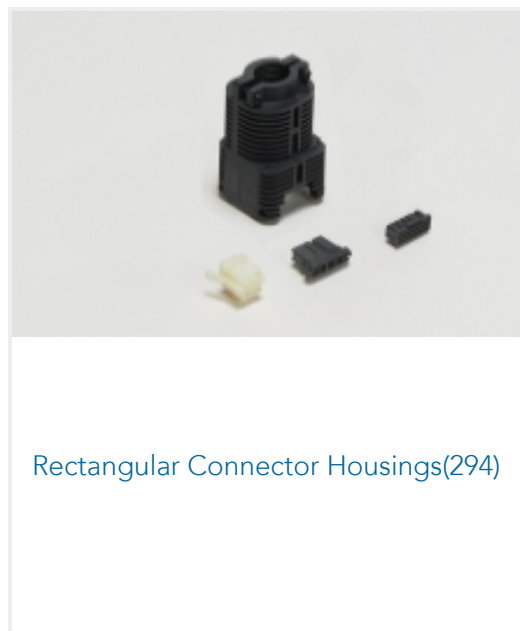
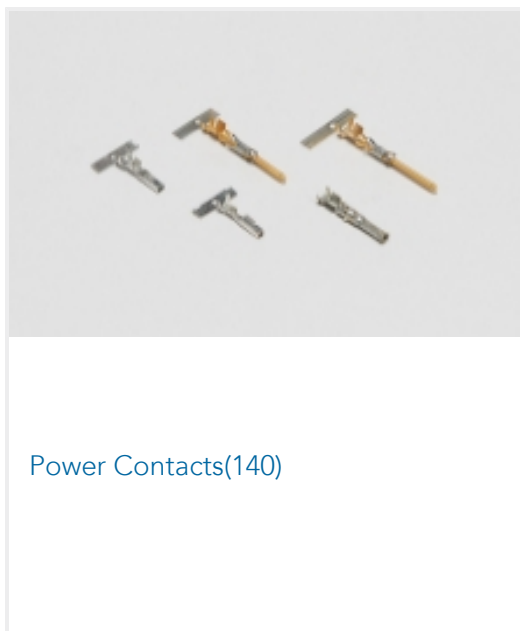
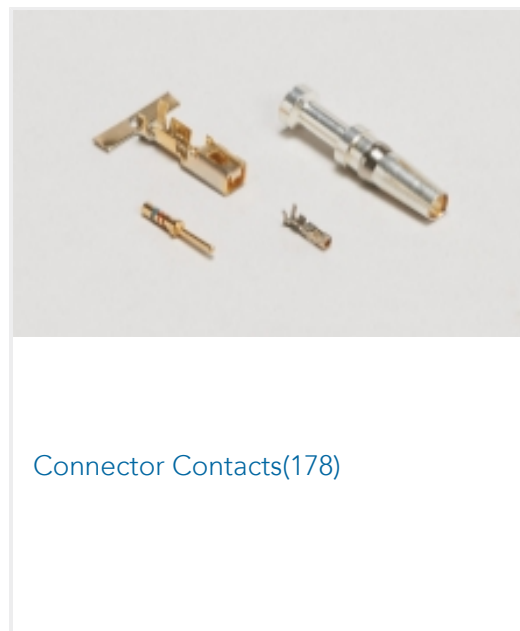
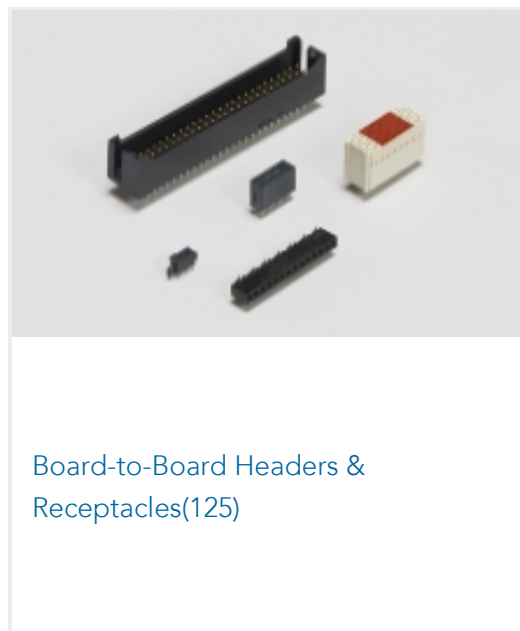
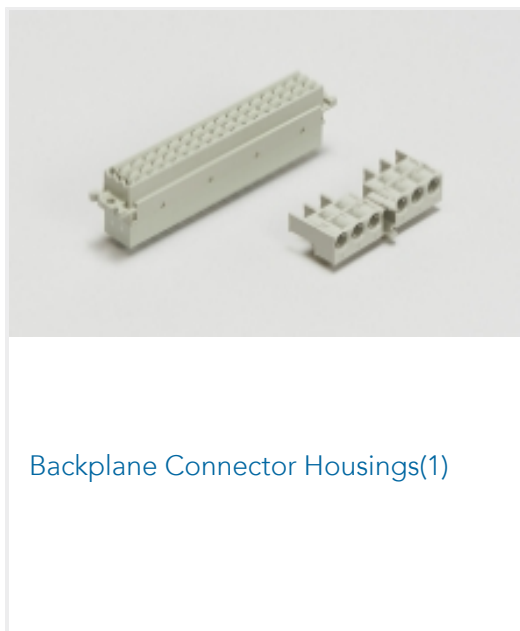
Product Compliance Disclaimer

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>

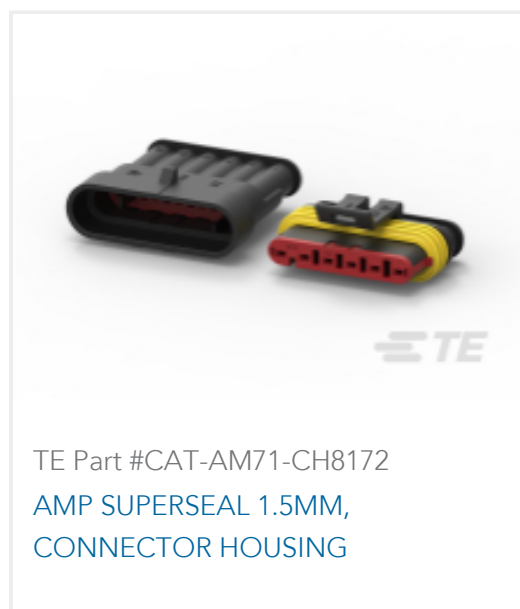
Compatible Parts



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



Customers Also Bought





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

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Product Specifications

[Application Specification](#)

English