

280530-4 ✓ ACTIVE

AMPMODU | AMPMODU IV/V

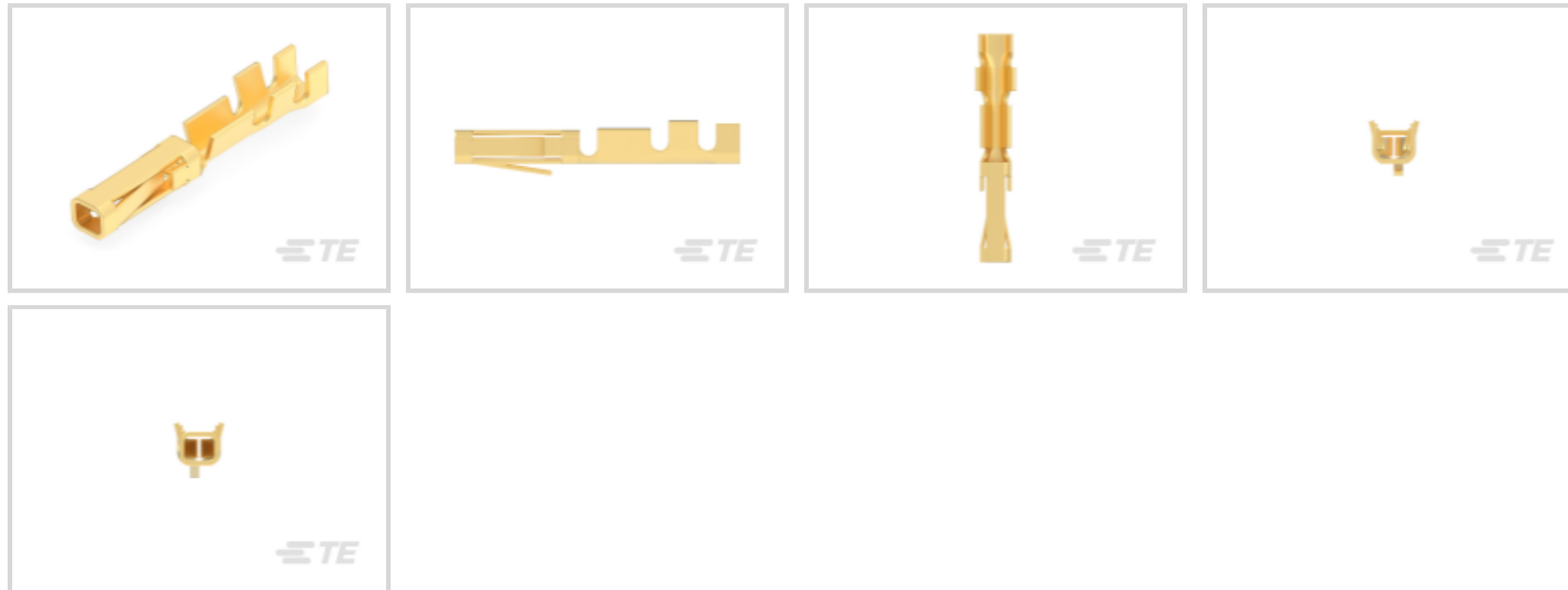
TE Internal #: 280530-4

Socket Contact, Gold, 40 VAC, 40 VDC, Locking Lance Contact Retention, Discrete Wire, 26 – 22 AWG Wire Size, .12 – .4 mm² Wire Size, AMPMODU IV/V

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold**

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

Operating Voltage: **40 VDC**

Features

Packaging Features

Packaging Quantity	40000
Packaging Method	Reel

Product Type Features

Discrete Wire Type	Solid or Stranded
Applied Pressure	Standard
Sealable	No

Dimensions

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

Mechanical Attachment

Wire Insulation Support	With
Contact Retention Type Within Housing	Locking Lance

Contact Features

Contact Underplating Material	Nickel
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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
Wire Contact Termination Area Plating Material	Gold Flash
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	3 A

Electrical Characteristics

Operating Voltage	40 VDC
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Termination Features

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

Usage Conditions

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

Circuit Application	Signal
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241)
 Candidate List Declared Against: JUNE 2024 (241)
 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

TE Part # 58535-1
 PRO-CRIMPER ASSY MODU MODII

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

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

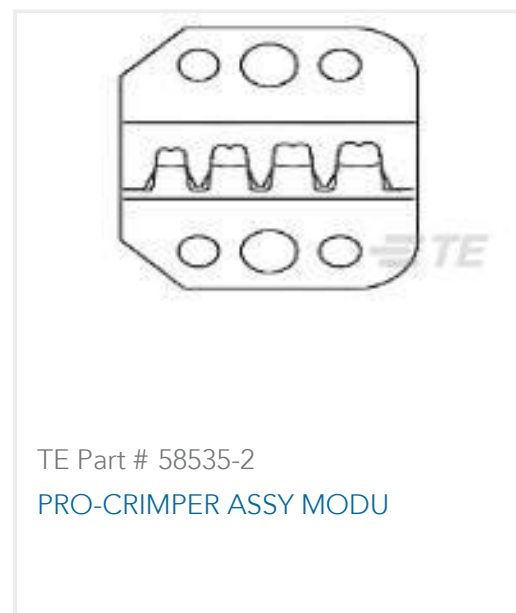
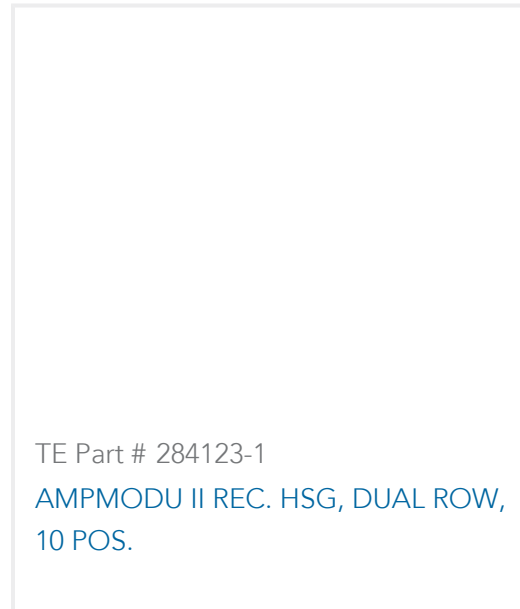
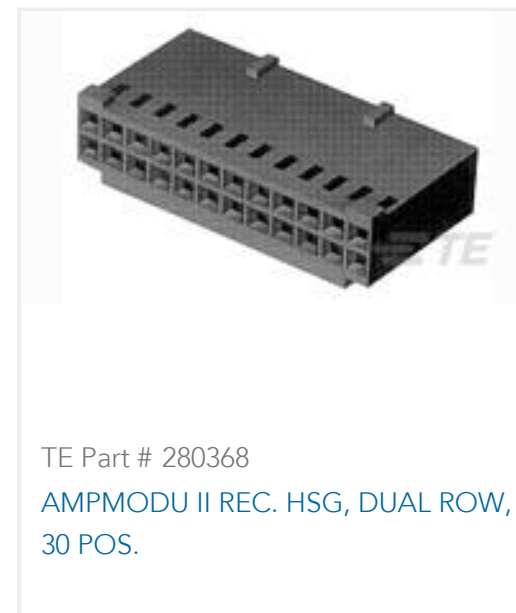
TE Part # 280365
 AMPMODU, DBL ROW, CONTACT REC

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

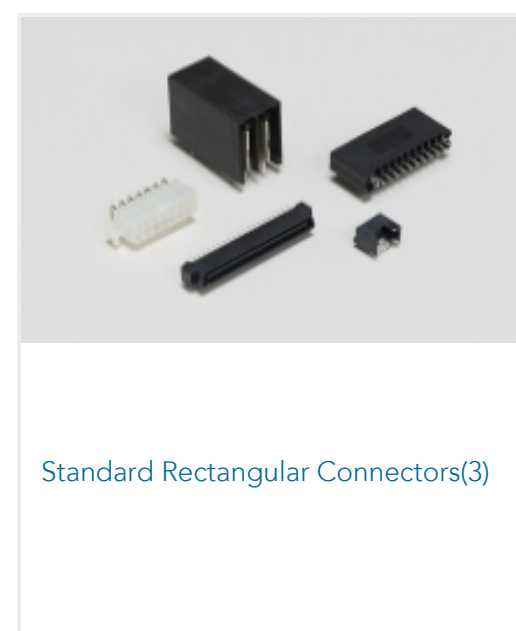
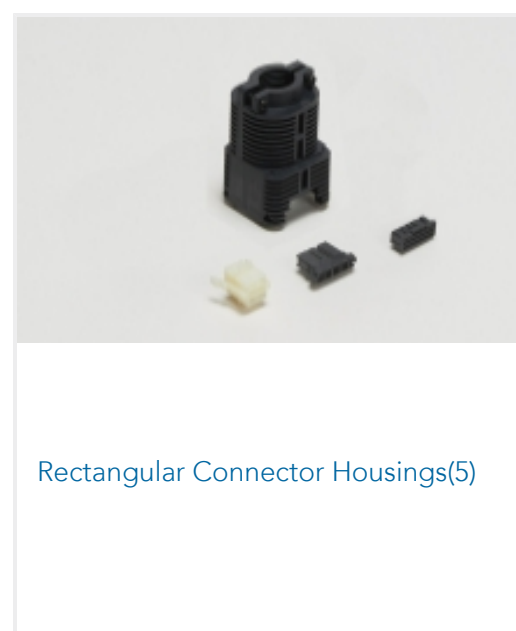
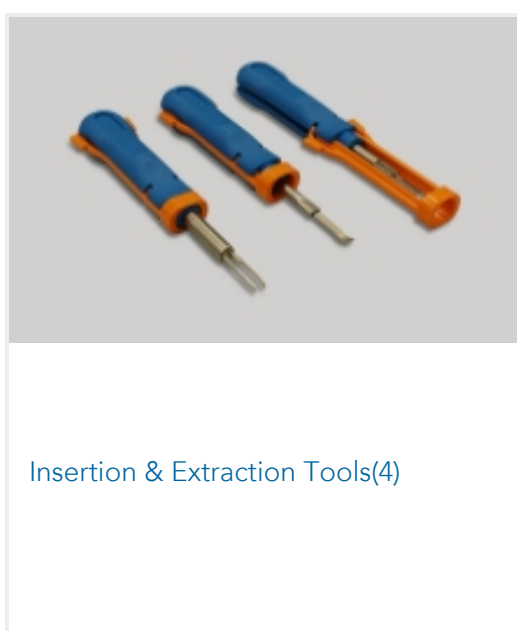
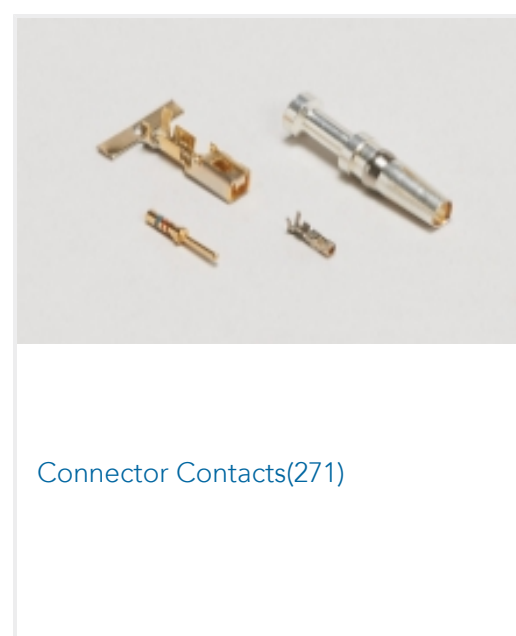
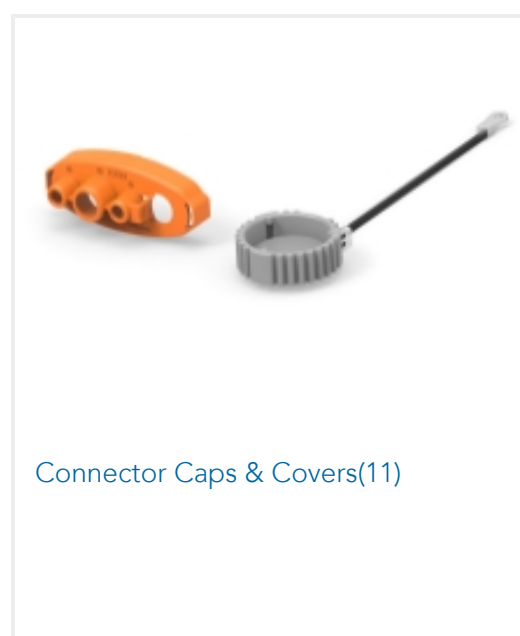
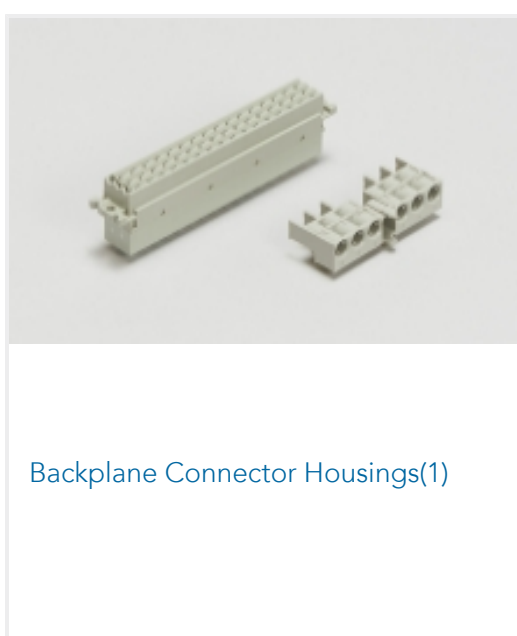
TE Part # 280521-1
 2X12P AMPMODU II SHRD HDR, ST, TIN

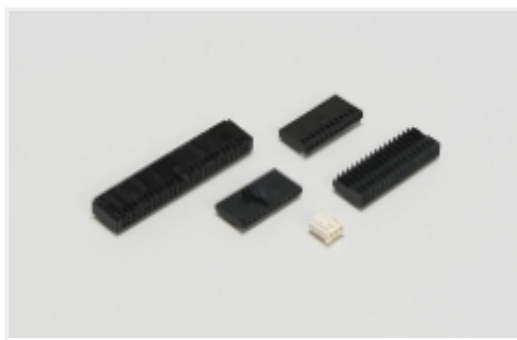
TE Part # 280515
 AMPMODU II REC. HSG, DUAL ROW, 24 POS.

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



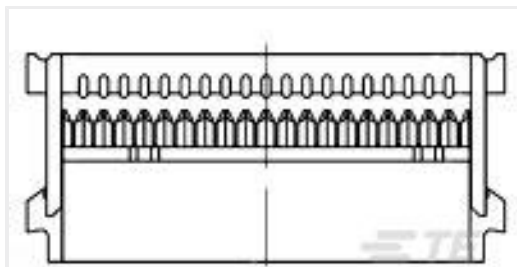
Also in the Series | **AMPMODU IV/V**





Wire-to-Board Connector Assemblies
& Housings(394)

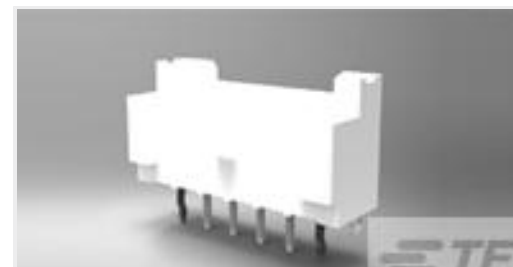
Customers Also Bought



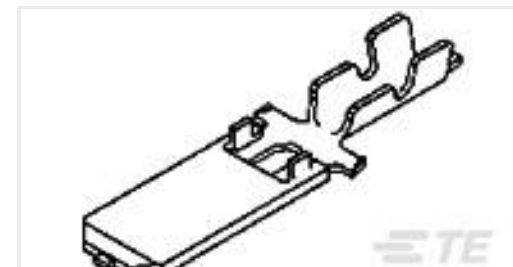
TE Part #1658526-9
609-1441LF FEM SOCKET, LEAD FREE



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



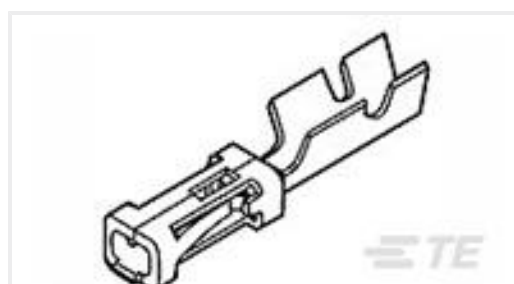
TE Part #2132230-4
EP2.5 Shrouded HDR ASSY 4P VER



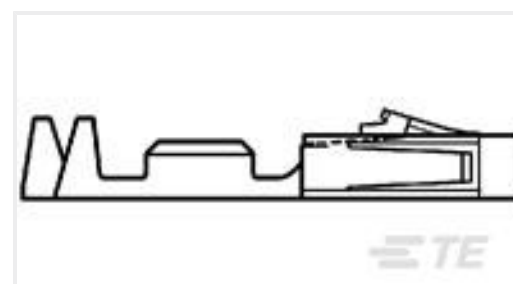
TE Part #170340-3
FF 250 TAB 20-14AWG PTBR WITHOUT LATCH



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



TE Part #2-167301-4
MOD-4 REC.CONT.SCP



TE Part #1-104480-6
SHORT POINT RECP CONT LP



TE Part #165295
SOLIS DIN 1.5-2.5 R M3



TE Part #294919-E
SRCP 1,27 10 M 1 SMD 137 E1 094 *
GU-H *

Documents

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](#)

280530-4

Socket Contact, Gold, 40 VAC, 40 VDC, Locking Lance Contact Retention, Discrete Wire, 26 – 22 AWG Wire Size, .12 – .4 mm² Wire Size, AMPMODU IV/V



English

Customer View Model

[ENG_CVM_CVM_280530-4_AN_c-280530-4-an.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English