

181270-2 ✓ ACTIVE

AMPMODU | AMPMODU IV/V

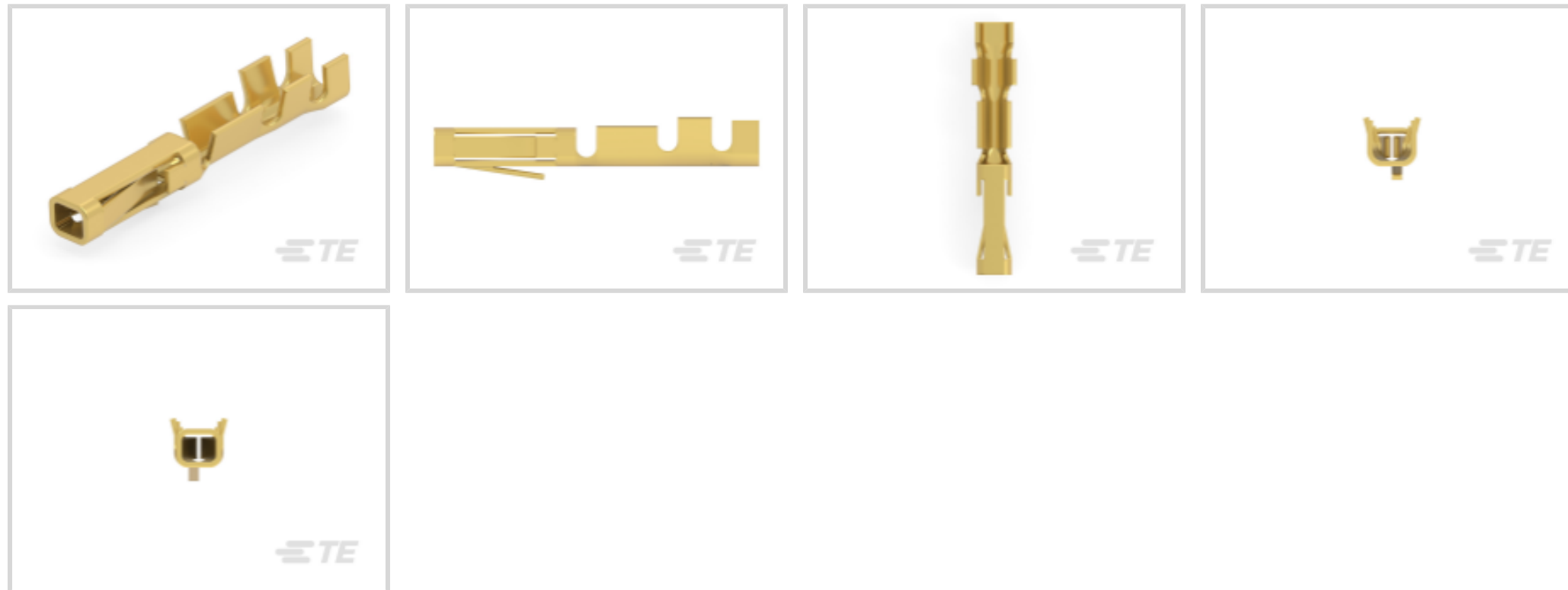
TE Internal #: 181270-2

Socket Contact, Gold, 40 VAC, Locking Lance Contact Retention, 23 – 26 AWG Wire Size, .32 – .13 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 VAC**

Contact Retention Within Housing: **With**

Features

Electrical Characteristics

Termination Resistance	7 mΩ
Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	750 V
Operating Voltage	40 VAC

Contact Features

Mating Square Post Dimension	.63 mm[.025 in]
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Material	Gold Flash
Contact Retention Within Housing	With
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To

Wire & Cable

Mechanical Attachment

Wire Insulation Support

With

Contact Retention Type Within Housing

Locking Lance

Dimensions

Compatible Insulation Diameter Range

.9 – 1.55 mm [.035 – .061 in]

Wire Size

509.5 – 254.1 CMA

Usage Conditions

Operating Temperature Range

-40 – 80 °C [-40 – 176 °F]

Operation/Application

Circuit Application

Signal

Packaging Features

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





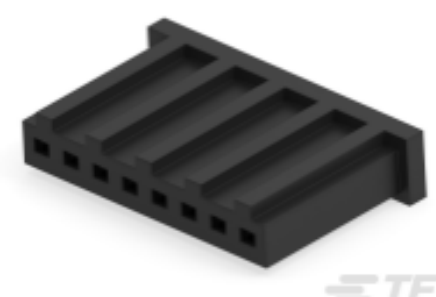
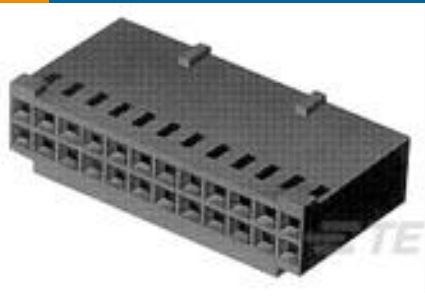
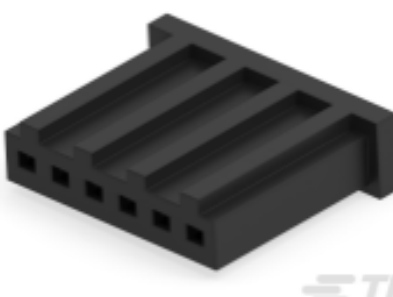
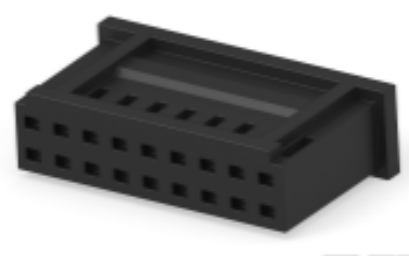
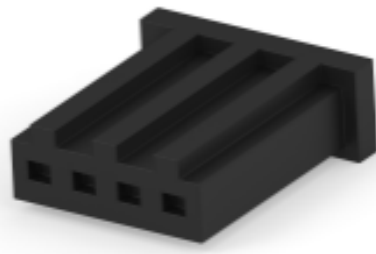
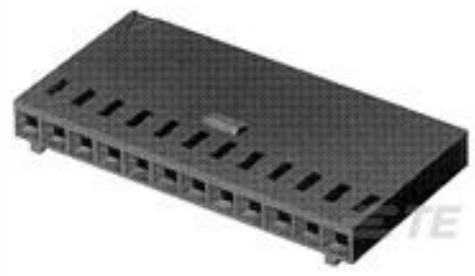





Not applicable for solder process capability

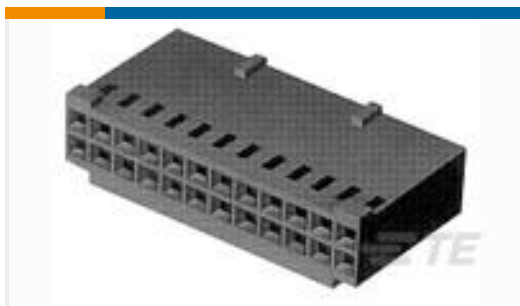
Product Compliance Disclaimer

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

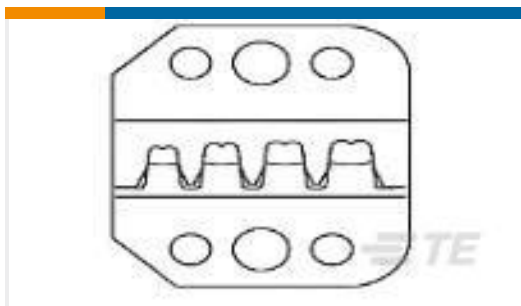
requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

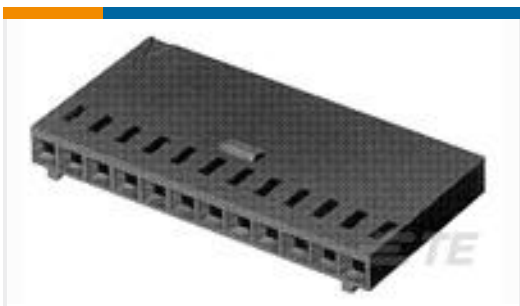
 <p>TE Part # 58535-1 PRO-CRIMPER ASSY MODU MODII</p>	 <p>TE Part # 280514 AMPMODU II REC. HSG, SINGLE ROW, 12 POS.</p>	 <p>TE Part # 280366 AMPMODU II REC. HSG DUAL ROW, 16 POS.</p>	 <p>TE Part # 280365 AMPMODU, DBL ROW, CONTACT REC</p>
 <p>TE Part # 280361 AMPMODU II REC. HSG, SINGLE ROW 8 POS</p>	 <p>TE Part # 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 # 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 # 58654-1 PRO-CRIMP TL & DIE MOD II</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>



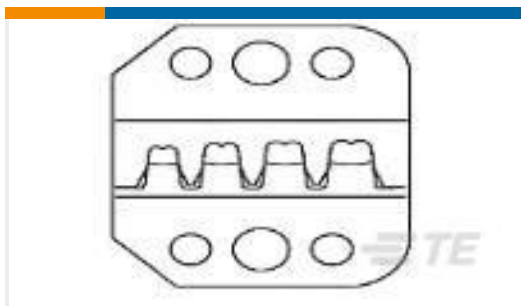
TE Part # 281018
AMPMODU II REC. HSG, DUAL ROW,
36 POS.



TE Part # 58535-2
PRO-CRIMPER ASSY MODU



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

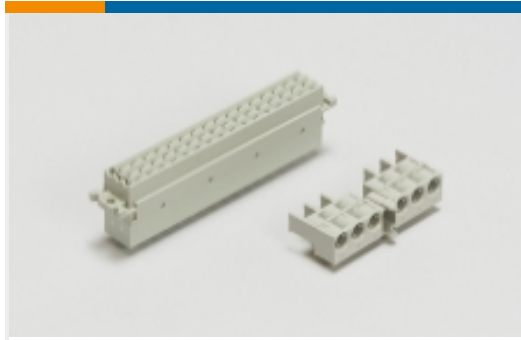


TE Part # 58654-2
PRO-CRIMPER DIE SET ONLY

Also in the Series | AMPMODU IV/V



Automotive Housings(1)



Backplane Connector Housings(1)



Connector Caps & Covers(18)



Connector Contacts(322)



Connector Hardware(13)



Connector Strain Relief(3)



Insertion & Extraction Tools(4)



PCB Headers & Receptacles(931)



Rectangular Connector Housings(5)



Standard Rectangular Connectors(8)



Wire-to-Board Connector Assemblies
& Housings(444)

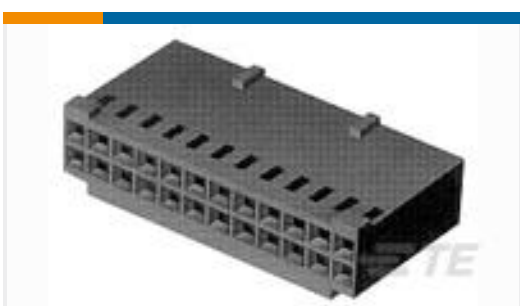
Customers Also Bought



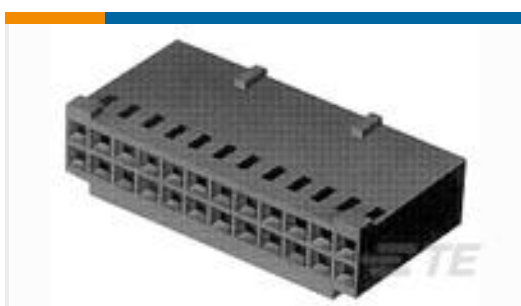
TE Part #1-1879363-4
THS75 330R 5%



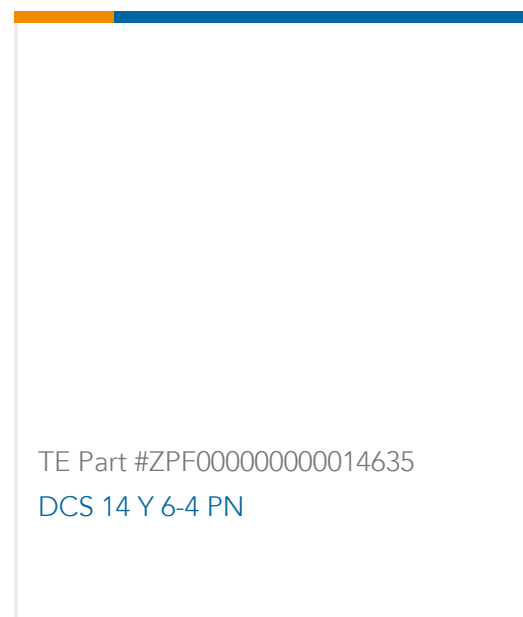
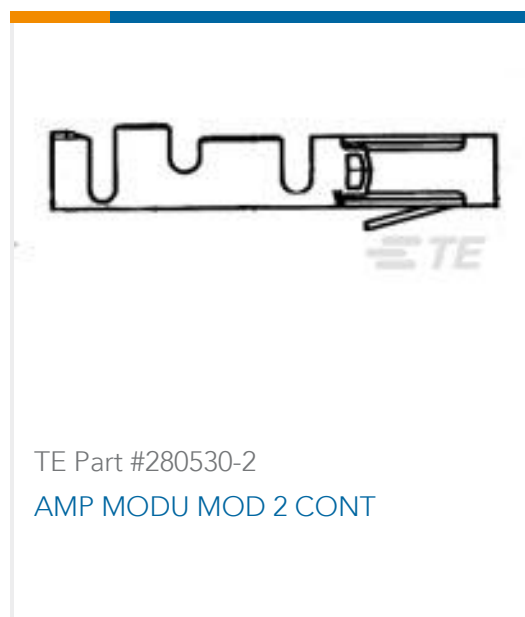
TE Part #4-1393659-7
V42254B1202R963=PC612 MESSERLE



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



TE Part #280365
AMPMODU, DBL ROW, CONTACT
REC



Documents

Product Drawings

[MOD II CONTACT L.P.](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_181270-2_AN_c-181270-2-an.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_181270-2_AN_c-181270-2-an.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_181270-2_AN_c-181270-2-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