181270-2 ✔ ACTIVE

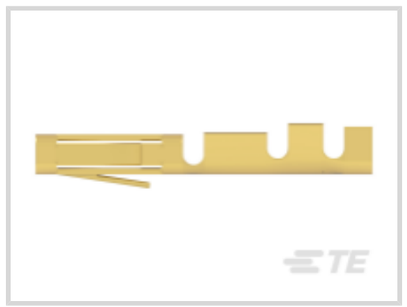
AMPMODU | AMPMODU IV/V

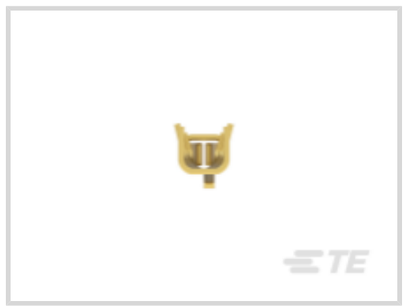
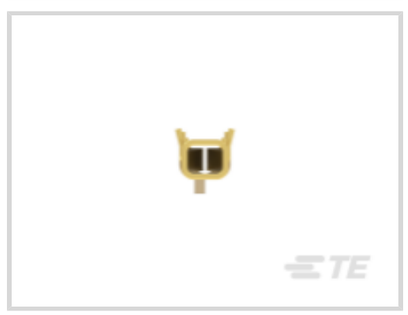
TE Internal #: 181270-2

Gold (Au), Socket Contact, 23 – 26 AWG, 40 VAC, 40 VDC, .32 – .13 mm² Wire, Locking Lance Contact Retention, 509.5 – 254.1 CMA, AMPMODU IV/V

View on TE.com >

Connectors > Contacts > Connector Contacts

Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold (Au)**

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

Operating Voltage: **40 VDC**

Features

Product Type Features

Discrete Wire Type	Solid or Stranded
Sealable	No

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire

Electrical Characteristics

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

Contact Features

Contact Underplating Material	Nickel
Contact Orientation	Straight
Contact Underplating Material Thickness	1.3 µm[51.18 µin]
Contact Mating Area Plating Material Thickness	.4 µm[15.74 µin]

Mating Square Post Dimension	.63 mm[.025 in]
Contact Length	12 mm[.472 in]
Barrel Type	Open
Contact Type	Socket
Contact Mating Area Plating Material	Gold (Au)
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
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 Quantity	500
Packaging Method	Box & Carton

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 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

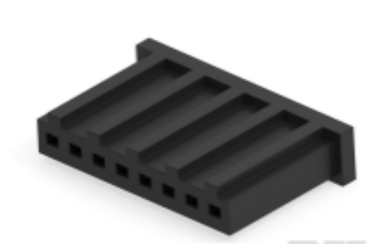
Product Compliance Disclaimer

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

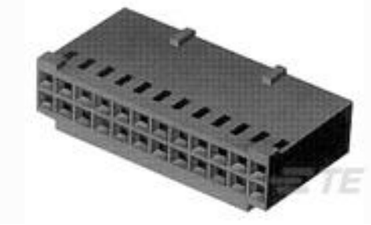
Compatible Parts



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



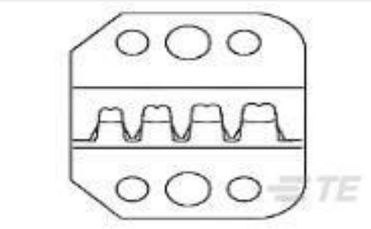
TE Part # 280361
AMPMODU II REC. HSG, SINGLE ROW 8 POS



TE Part # 280369
AMPMODU II REC. HSG, DUAL ROW, 44 POS.



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



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



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



TE Part # 280365
AMPMODU, DBL ROW, CONTACT REC



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



TE Part # 280368

AMPMODU II REC. HSG, DUAL ROW, 30 POS.



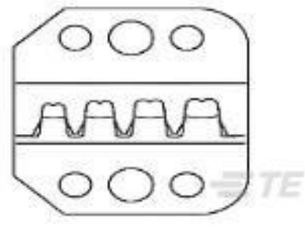
TE Part # 280513

AMPMODU II REC. HSG, DUAL ROW, 18 POS



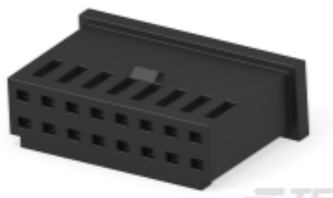
TE Part # 280363

AMPMODU II REC. HSG, SINGLE ROW, 15 POS.



TE Part # 58535-2

PRO-CRIMPER ASSY MODU



TE Part # 280366

AMPMODU II REC. HSG DUAL ROW, 16 POS.



TE Part # 280359

AMPMODU II REC. HSG, SINGLE ROW, 4 POS.



TE Part # 280514

AMPMODU II REC. HSG, SINGLE ROW, 12 POS.

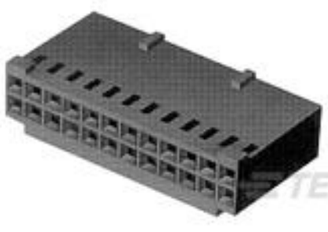
TE Part # 284123-1

AMPMODU II REC. HSG, DUAL ROW, 10 POS.



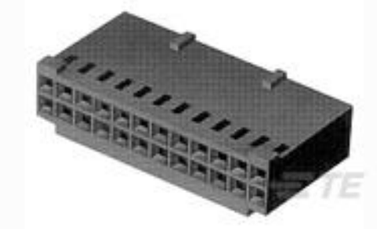
TE Part # 280360

AMPMODU II REC. HSG, SINGLE ROW 6 POS



TE Part # 281018

AMPMODU II REC. HSG, DUAL ROW, 36 POS.



TE Part # 280515

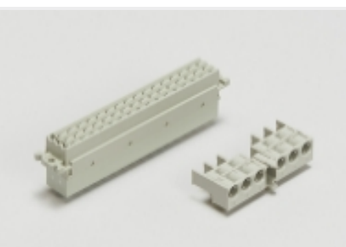
AMPMODU II REC. HSG, DUAL ROW, 24 POS.



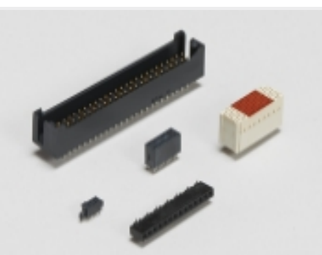
TE Part # 58654-1

PRO-CRIMP TL & DIE MOD II

Also in the Series | AMPMODU IV/V



Backplane Connector Housings(1)



Board-to-Board Headers & Receptacles(125)



Connector Contacts(179)



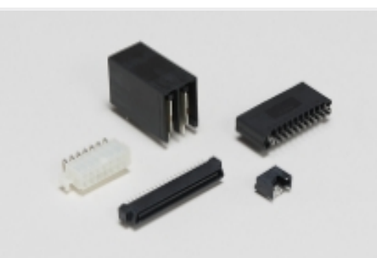
Connector Hardware(8)



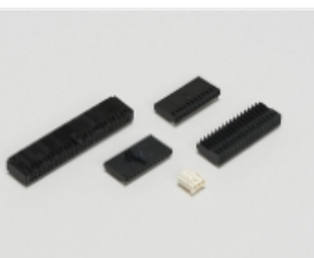
Power Contacts(140)



Rectangular Connector Housings(294)



Standard Rectangular Connectors(295)

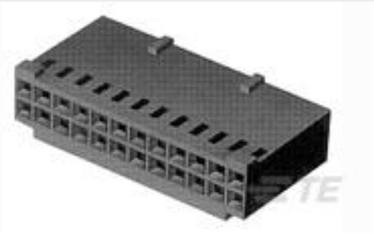


Wire-to-Board Connector Assemblies & Housings(295)

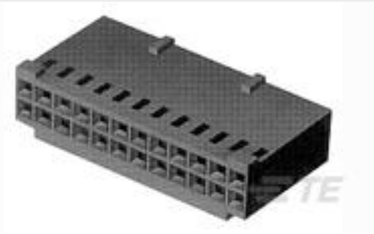
Customers Also Bought



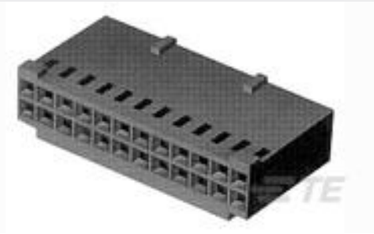
TE Part #280362
AMPMODU II REC. HSG, SINGLE ROW, 10 POS.



TE Part #280365
AMPMODU, DBL ROW, CONTACT REC



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



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



TE Part #6-1419111-0
PT370012



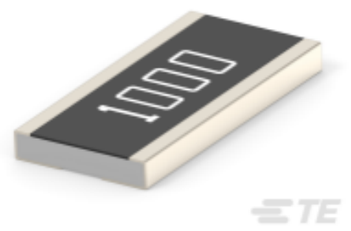
TE Part #1624112-7
3650 0603 47nH 5% 2K RL



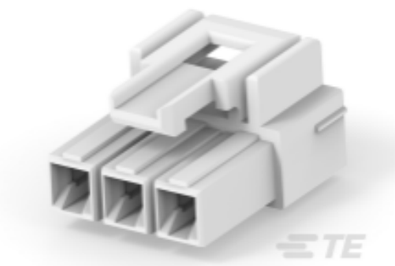
TE Part #3-1676913-5
YR1 0.1% 21K



TE Part #1-1879453-7
TE 1000W 22R 5% Bracket



TE Part #5-2176566-6
3430 A3 1% 180R 100ppm 1k RL



TE Part #3-2408780-3
Plug HSG 3P WHT HCI 6.2 Pitch Outer Lock

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

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Product Specifications

Application Specification

English