181271-2 ✔ ACTIVE

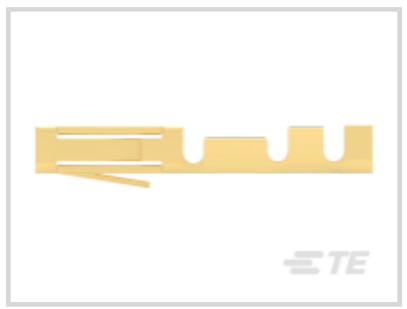
AMPMODU | AMPMODU IV/V

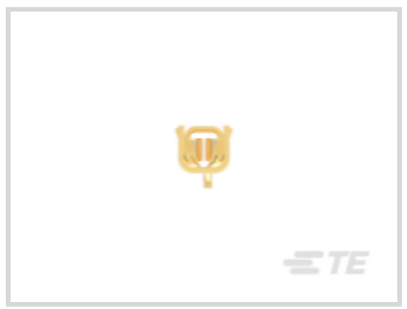
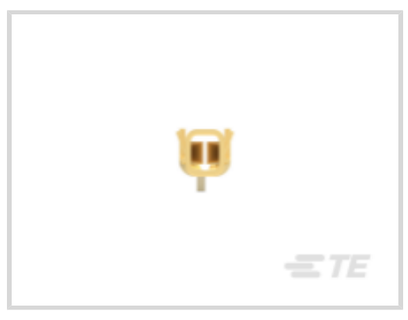
TE Internal #: 181271-2

Gold (Au), Socket Contact, 30 – 28 AWG, .05 – .09 mm² Wire, Crimp, Phosphor Bronze, Signal, -40 – 80 °C [-40 – 176 °F], AMPMODU IV/V

View on TE.com >

Connectors > Contacts > Connector Contacts

Contact Type: **Socket**

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

Wire Size: **.05 – .09 mm²**

Termination Method to Wire & Cable: **Crimp**

Features

Product Type Features

Applied Pressure	Standard

Contact Features

Contact Underplating Material	Nickel
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

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

Mechanical Attachment

Wire Insulation Support	With
PCB Mount Retention	Without

Dimensions

Compatible Insulation Diameter Range	1.75 mm[.069 in]
Wire Size	.05 – .09 mm²

Usage Conditions

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

Operation/Application

Circuit Application	Signal

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

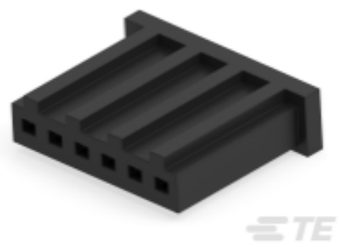


TE Part # 280359
AMPMODU II REC. HSG, SINGLE ROW, 4 POS.

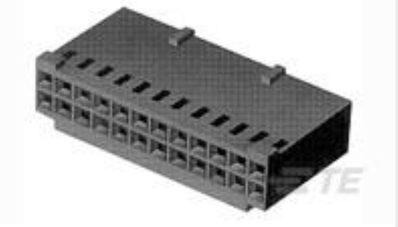


TE Part # 280514
AMPMODU II REC. HSG, SINGLE ROW, 12 POS.

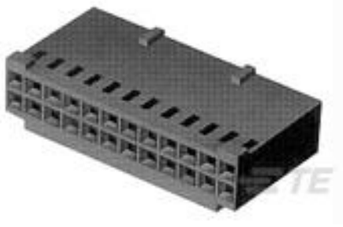
TE Part # 284123-1
AMPMODU II REC. HSG, DUAL ROW, 10 POS.



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



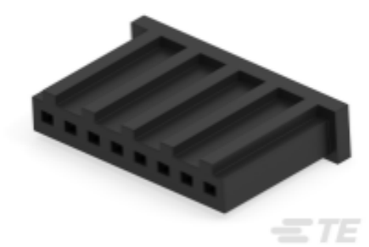
TE Part # 172656-2
REC CONT MODU MOD 2 (PRE-TIN)



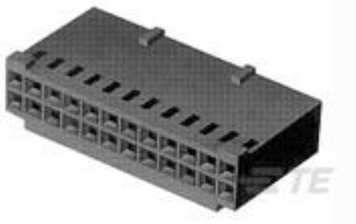
TE Part # 280358
AMPMODU II REC. HSG, SINGLE ROW 2 POS



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



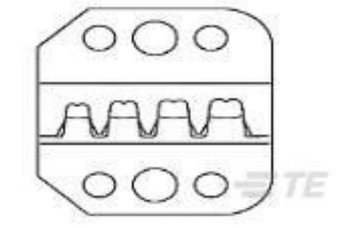
TE Part # 280361
AMPMODU II REC. HSG, SINGLE ROW 8 POS



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



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



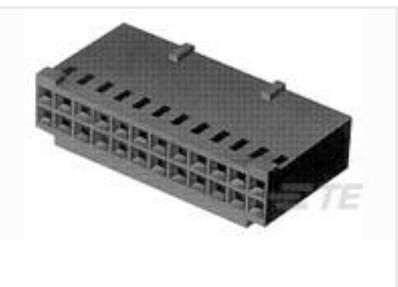
TE Part # 58654-2
PRO-CRIMPER DIE SET ONLY



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



TE Part # 280365
AMPMODU, DBL ROW, CONTACT REC



TE Part # 280368
AMPMODU II REC. HSG, DUAL ROW, 30 POS.

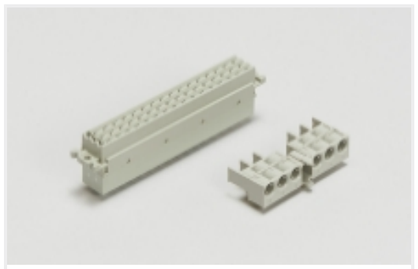


TE Part # 280513
AMPMODU II REC. HSG, DUAL ROW, 18 POS



TE Part # 280363
AMPMODU II REC. HSG, SINGLE ROW, 15 POS.

Also in the Series | AMPMODU IV/V



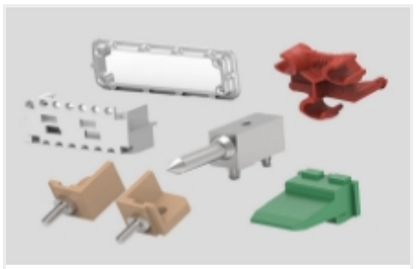
Backplane Connector Housings(1)



Connector Caps & Covers(5)



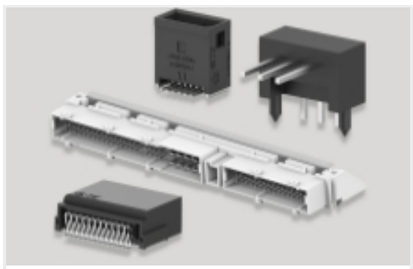
Connector Contacts(179)



Connector Hardware(8)



Insertion & Extraction Tools(4)



PCB Headers & Receptacles(125)



Power Contacts(140)

Customers Also Bought



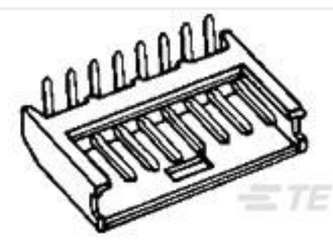
TE Part #YDTS32F23NV0010000
DUST COVER ASSEM



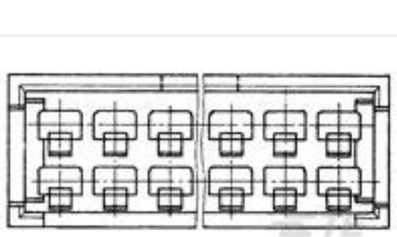
TE Part #181270-3
MOD 2 BUCHSE



TE Part #280358
AMPMODU II REC. HSG, SINGLE ROW 2 POS



TE Part #280378-2
4P MODU II SHRD HDR, RT ANG, 0.38 AU



TE Part #280637
4POS DBL PIN HSG



TE Part #350218-2
UMNL PIN 20-14 .0126AUBR



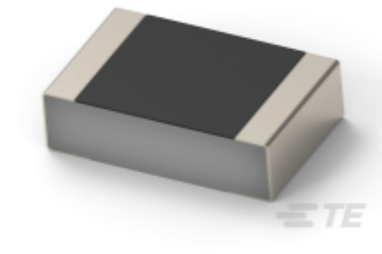
TE Part #1-794607-2
MICRO MNL RPT CNT STRP 30AU LF



TE Part #1478769-2
ANTI-VIB NYLON GLD 16MM BLK



TE Part #6-1879222-0
CPF 0603 80R6 0.1% 25PPM 1K RL



TE Part #1-2176452-5
CPF 0201 750R 0.1% 25ppm 1K RL

Documents

Product Drawings

MOD 2 CONTACT REC.

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_181271-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_181271-2_A.3d_stp.zip

English

Customer View Model

ENG_CVM_181271-2_A.2d_dxf.zip

English

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Product Specifications

Application Specification

English