280515 ✔ ACTIVE

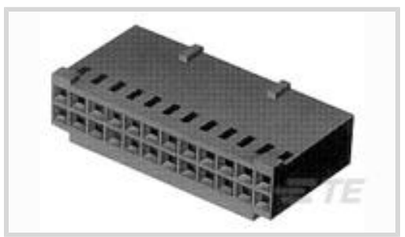
AMPMODU | AMPMODU IV/V

TE Internal #: 280515

24 Position, Receptacle, Housing, Crimp, Wire-to-Board, UL 94V-0, 2.54 mm [.1 in] Centerline, 2 Row, Wire & Cable, Signal, AMPMODU IV/V

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Mating Retention Type: **Detent Latching**

Connector System: **Wire-to-Board**

UL Flammability Rating: **UL 94V-0**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	24
Number of Rows	2

Body Features

Primary Product Color	Black

Contact Features

Contact Layout	Inline
Contact Type	Socket
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Panel Mount Feature	Without
Mating Retention Type	Detent Latching

Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Entry Configuration	Both Ends Closed
Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	LCP

Dimensions

Connector Height	3.1 mm[.12 in]
Connector Length	7.1 mm
Row-to-Row Spacing	2.54 mm[.1 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	1000

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

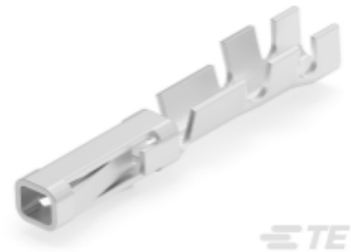
Product Compliance Disclaimer

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

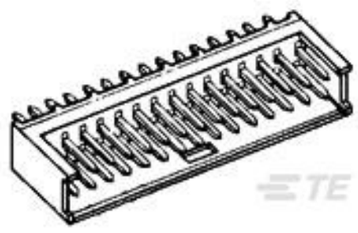
Compatible Parts



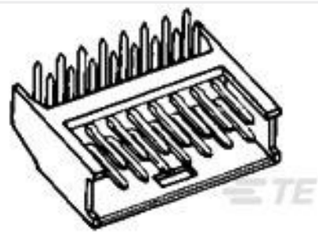
TE Part # 182206-2
MOD 2 TERMINAL



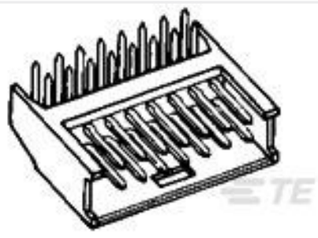
TE Part # 181270-1
AMP-MODU CONTACT



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



TE Part # 280522-2
2X12P MODU II SHRD HDR, RT ANG, AU



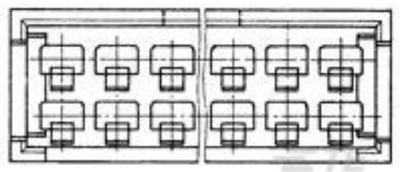
TE Part # 280522-3
2X12P MODU II SHRD HDR, RT ANG, AU



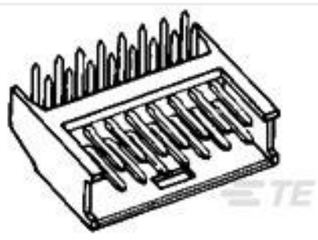
TE Part # 280530-3
MOD II COSI RECP CONT STR PRE



TE Part # 280530-2
AMP MODU MOD 2 CONT



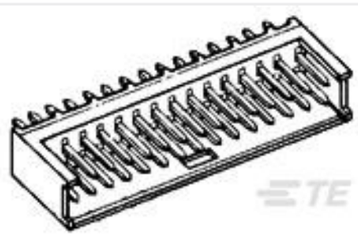
TE Part # 280640
MOD II HSG



TE Part # 280522-1
2X12P MODU II SHRD HDR, RT ANG, TIN



TE Part # 181270-2
MOD II CONTACT L.P.



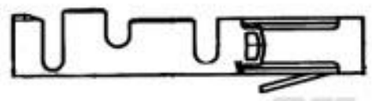
TE Part # 280521-2
2X12P MODU II SHRD HDR, ST, 0.38AU



TE Part # 280530-1
MOD II COSI RECP CONT STR PH-B



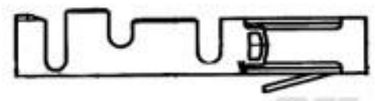
TE Part # 181271-2
MOD 2 CONTACT REC.



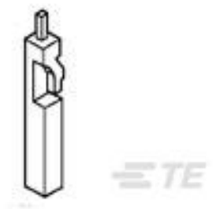
TE Part # 182207-2
AMP MODU II RCPT CONT COSI LP



TE Part # 280530-4
MOD2 BUCHSE



TE Part # 281999-1
MODU II RCPT STD PR COSI



TE Part # 87077-2
MOD IV KEYING PLUG



TE Part # 181270-3
MOD 2 BUCHSE

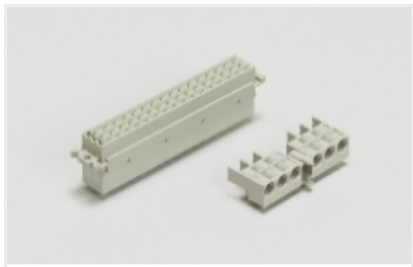


TE Part # 280708-2
MOD 2 CONTACT

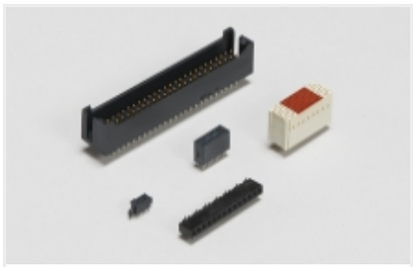


TE Part # 281556-2
20AWG MOD 2 CRIMP TIN PLATE

Also in the Series | AMPMODU IV/V



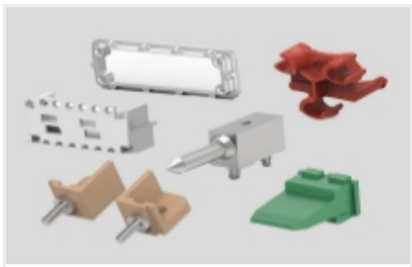
Backplane Connector Housings(1)



Board-to-Board Headers & Receptacles(125)



Connector Contacts(179)



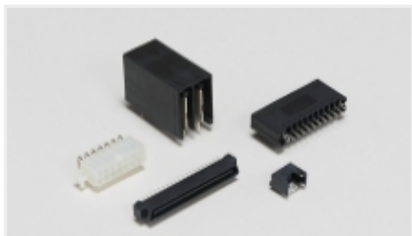
Connector Hardware(8)



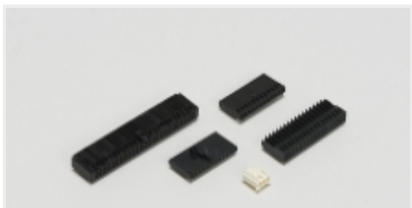
Power Contacts(140)



Rectangular Connector Housings(294)



Standard Rectangular Connectors(295)



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

Customers Also Bought



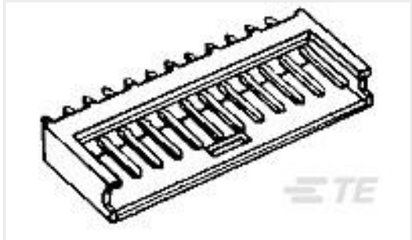
TE Part #280358
AMPMODU II REC. HSG, SINGLE ROW 2 POS



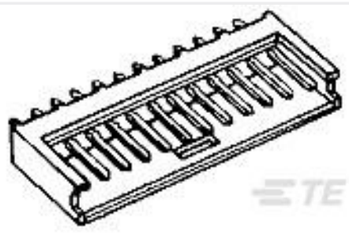
TE Part #280359
AMPMODU II REC. HSG, SINGLE ROW, 4 POS.



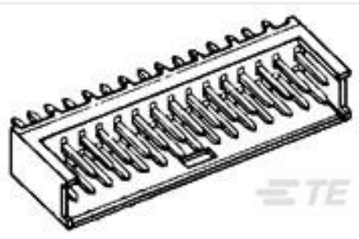
TE Part #280360
AMPMODU II REC. HSG, SINGLE ROW 6 POS



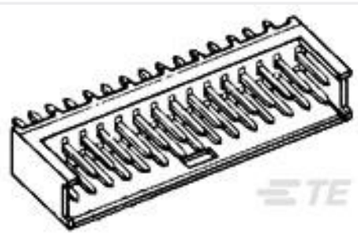
TE Part #280370-2
2P AMPMODU II SHRD HDR, ST, 0.38 AU



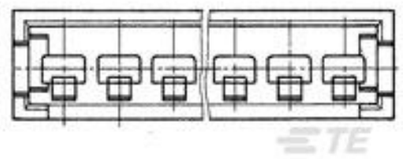
TE Part #280371-2
4P AMPMODU II SHRD HDR, ST, 0.38 AU



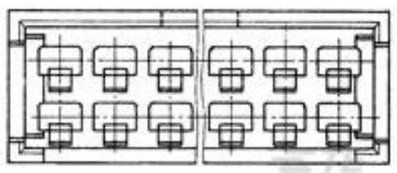
TE Part #280385-1
2X8P AMPMODU II SHRD HDR, ST, TIN



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



TE Part #280630
AMPMODU II COSI PIN HSG, SGL ROW, 6 POS.



TE Part #280640
MOD II HSG



TE Part #2-826634-0
MOD2 PIN HEADER 20P

Documents

Product Drawings

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

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_280515_AA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_280515_AA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_280515_AA.3d_stp.zip

English

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