280514 ✔ ACTIVE

AMPMODU | AMPMODU IV/V

TE Internal #: 280514

12 Position, Receptacle, Housing, Crimp, Wire-to-Board, UL 94V-0, 2.54 mm [.1 in] Centerline, 1 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	12
Number of Rows	1

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	Liquid Crystal Polymer (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 Method	Bag
Packaging Quantity	1000

Product Compliance

For compliance documentation, visit the product page on TE.com>

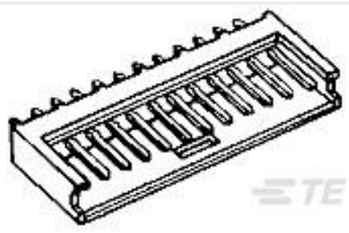
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold

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

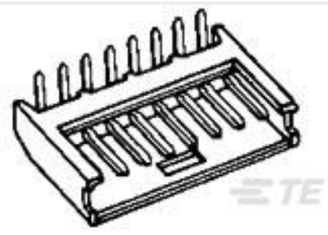
Product Compliance Disclaimer

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 # 280520-3
12P AMPMODU II SHRD HDR, ST, 0.38 AU



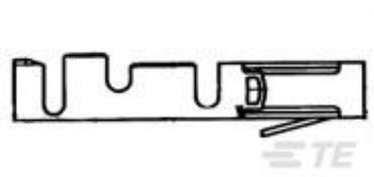
TE Part # 280523-2
12P MODU II SHRD HDR,RT ANG 0.38 AU



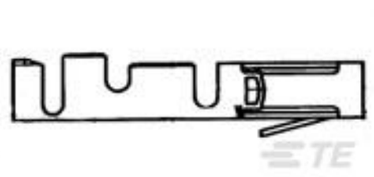
TE Part # 280530-3
MOD II COSI RECP CONT STR PRE



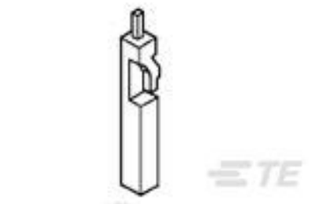
TE Part # 280530-2
AMP MODU MOD 2 CONT



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



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



TE Part # 87077-2
MOD IV KEYING PLUG

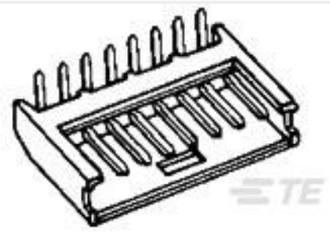


TE Part # 281556-2
20AWG MOD 2 CRIMP TIN PLATE



TE Part # 181270-3

MOD 2 BUCHSE



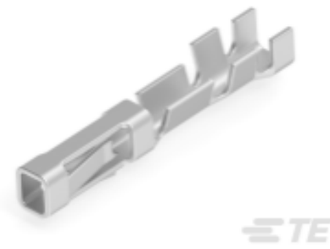
TE Part # 280523-1

12P MODU II SHRD HDR, RT ANG, TIN



TE Part # 280530-4

MOD2 BUCHSE



TE Part # 280708-2

MOD 2 CONTACT



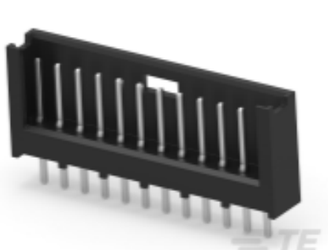
TE Part # 181270-2

MOD II CONTACT L.P.



TE Part # 181271-2

MOD 2 CONTACT REC.



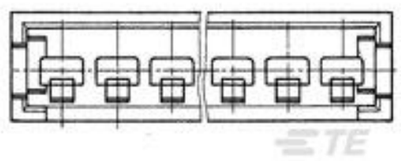
TE Part # 280520-1

12P AMPMODU II SHRD HDR, ST, TIN



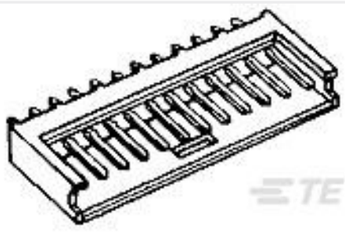
TE Part # 280530-1

MOD II COSI RECP CONT STR PH-B



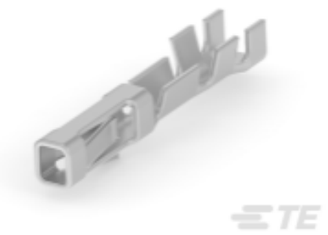
TE Part # 280634

AMPMODU II COSI PIN HSG, SGL ROW, 12 POS



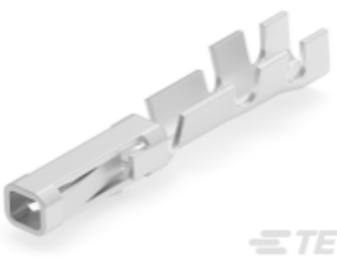
TE Part # 280520-2

12P AMPMODU II SHRD HDR, ST, 0.38 AU



TE Part # 182206-2

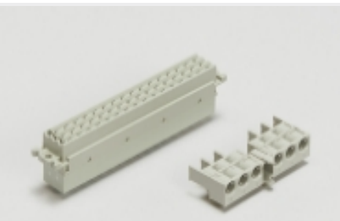
MOD 2 TERMINAL



TE Part # 181270-1

AMP-MODU CONTACT

Also in the Series | AMPMODU IV/V



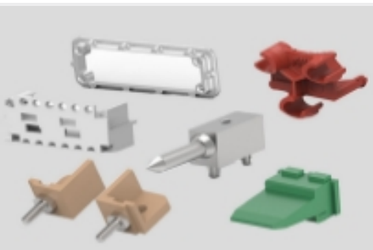
Backplane Connector Housings(1)



Connector Caps & Covers(5)



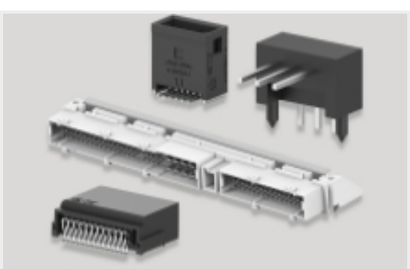
Connector Contacts(178)



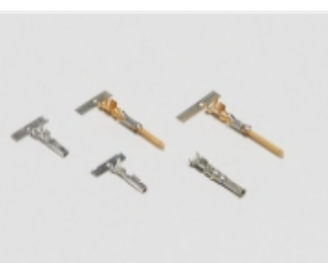
Connector Hardware(8)



Insertion & Extraction Tools(4)



PCB Headers & Receptacles(125)

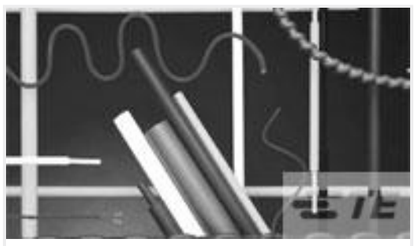


Power Contacts(140)

Customers Also Bought



TE Part #ANT-LTE-WS-SMA
Antenna Blade NBIOT LTE-M Swivel SMA



TE Part #5069692013
CGPT-2.4/1.2-X-STK



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



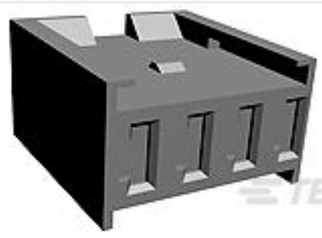
TE Part #280359
AMPMODU II REC. HSG, SINGLE ROW, 4 POS.



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



TE Part #280390-1
2X8P MODU II SHRD HDR, RT ANG, TIN



TE Part #280591
AMPMODU MODU I REC HOUSING



TE Part #709836-1
XG7T 16



TE Part #6339169-3
ASSY,SHLD,1X8,MJ,WAVE PNL



TE Part #6648167-1
CONN,SKT,75Amp MIDDLE DWR

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_280514_Z.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_280514_Z.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_280514_Z.3d_stp.zip

English

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