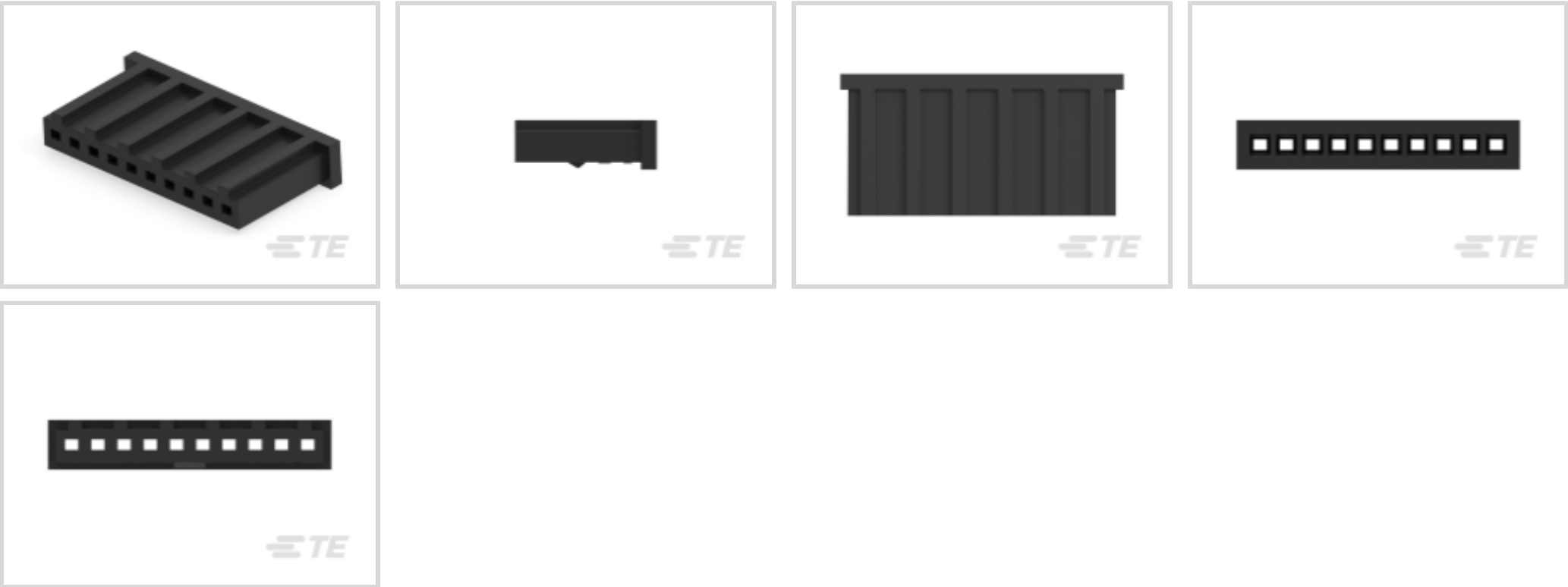




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **10**

Centerline (Pitch): **2.54 mm [.1 in]**

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	10
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
PCB Mount Retention	Without
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

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

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

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	No Restricted Materials Above Threshold



EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JAN 2025 (247)
Candidate List Declared Against: JAN 2025 (247)
Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

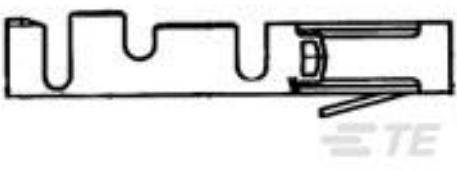
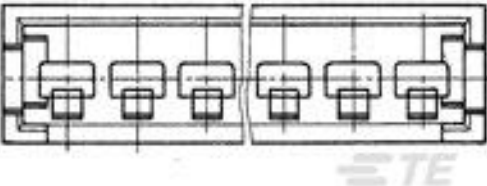
Solder Process Capability

Not applicable for solder process capability

Product Compliance Disclaimer

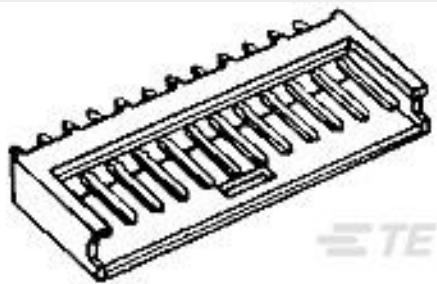
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

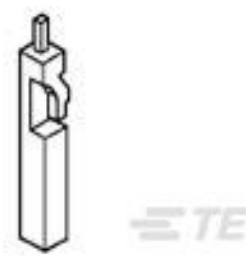
 TE Part # 280530-2 AMP MODU MOD 2 CONT	 TE Part # 280530-3 MOD II COSI RECP CONT STR PRE	 TE Part # 181270-3 MOD 2 BUCHSE	 TE Part # 281999-1 MODU II RCPT STD PR COSI
 TE Part # 182207-2 AMP MODU II RCPT CONT COSI LP	 TE Part # 280633 AMPMODU II COSI PIN HSG, SGL ROW, 10 POS	 TE Part # 280530-4 MOD2 BUCHSE	 TE Part # 280708-2 MOD 2 CONTACT



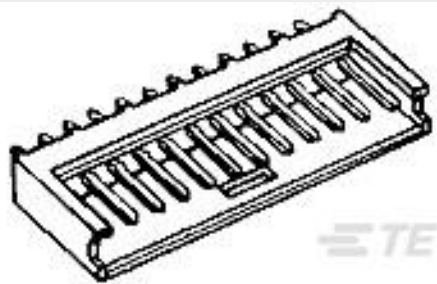
TE Part # 281556-2
20AWG MOD 2 CRIMP TIN PLATE



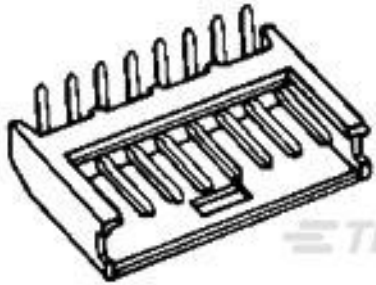
TE Part # 280374-2
10P AMPMODU II SHRD HDR, ST, 0.38 AU



TE Part # 87077-2
MOD IV KEYING PLUG



TE Part # 280374-3
10P AMPMODU II SHRD HDR, ST, 0.76 AU



TE Part # 280381-3
10P MODU II SHRD HDR,RT ANG, 0.76 AU



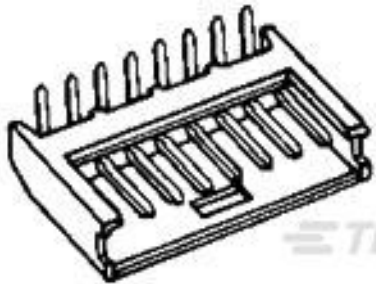
TE Part # 181270-2
MOD II CONTACT L.P.



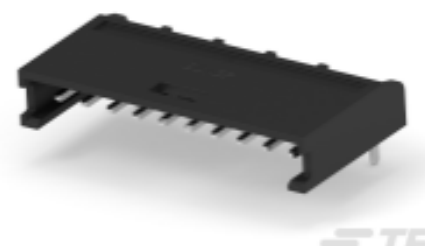
TE Part # 280530-1
MOD II COSI RECP CONT STR PH-B



TE Part # 181271-2
MOD 2 CONTACT REC.



TE Part # 280381-2
10P MODU II SHRD HDR,RT ANG, 0.38 AU



TE Part # 280381-1
10P MODU II SHRD HDR, RT ANG, TIN

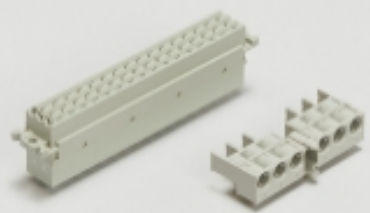


TE Part # 182206-2
MOD 2 TERMINAL



TE Part # 181270-1
AMP-MODU CONTACT

Also in the Series | AMPMODU IV/V



Backplane Connector Housings(1)



Connector Caps & Covers(11)



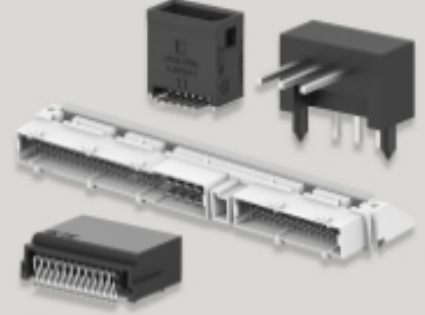
Connector Contacts(270)



Connector Hardware(10)



Insertion & Extraction Tools(4)



PCB Headers & Receptacles(517)



Power Contacts(206)

Customers Also Bought





TE Part #1-2176089-1
RP 1J 0.166W 13K7 0.1% 25PPM 1K RL



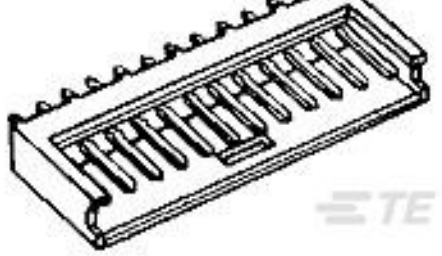
TE Part #280513
AMPMODU II REC. HSG, DUAL ROW, 18 POS



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



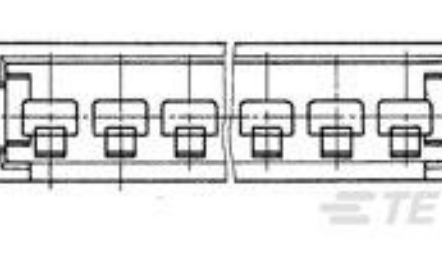
TE Part #280359
AMPMODU II REC. HSG, SINGLE ROW, 4 POS.



TE Part #280374-2
10P AMPMODU II SHRD HDR, ST, 0.38 AU



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



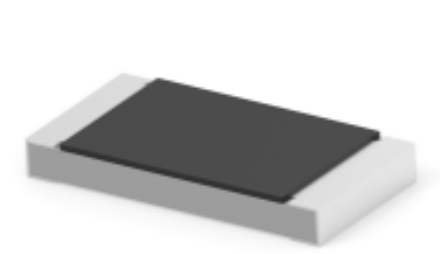
TE Part #280629
AMPMODU II COSI PIN HSG, SGL ROW, 4 POS.



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



TE Part #4515DO-DS3BK030DPL
30IN PCB MOUNT I2C DIFF PRESSURE SENSOR



TE Part #4-2176593-2
RLC73K 2H R15 1% 4K RL

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_280362_Z.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_280362_Z.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_280362_Z.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.