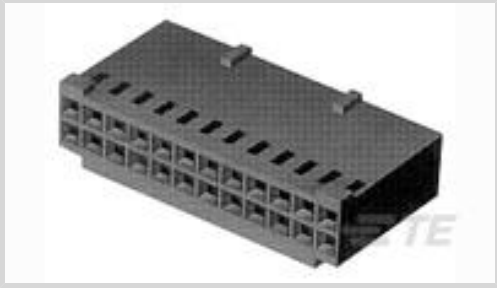




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **24**

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	24
Number of Rows	2

Body Features

Primary Product Color	Black
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Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Panel Mount Feature	Without
PCB Mount Retention	With



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

Housing Features

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

Dimensions

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

Usage Conditions

Operating Temperature Range	-40 - 80 °C[-40 - 176 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

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

Packaging Features

Packaging Quantity	1000
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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 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free



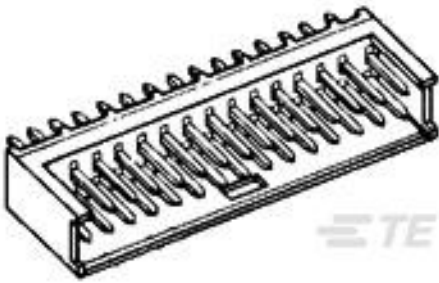
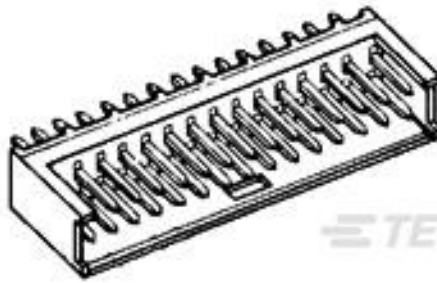
Solder Process Capability

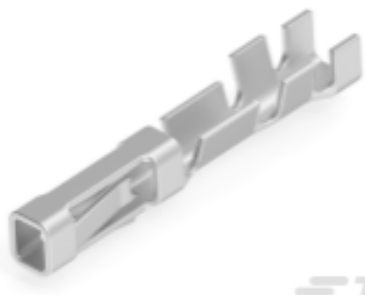
Not applicable for solder process capability

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 # 280522-2 2X12P MODU II SHRD HDR, RT ANG, AU	 TE Part # 87077-2 MOD IV KEYING PLUG	 TE Part # 280521-2 2X12P MODU II SHRD HDR, ST, 0.38AU	 TE Part # 280521-1 2X12P AMPMODU II SHRD HDR, ST, TIN
 TE Part # 181270-1 AMP-MODU CONTACT	 TE Part # 181270-2 MOD II CONTACT L.P.	 TE Part # 181270-3 MOD 2 BUCHSE	 TE Part # 280530-4 MOD2 BUCHSE
 TE Part # 280530-2 AMP MODU MOD 2 CONT	 TE Part # 181271-2 MOD 2 CONTACT REC.	 TE Part # 281556-2 20AWG MOD 2 CRIMP TIN PLATE	 TE Part # 280530-1 MOD II COSI RECP CONT STR PH-B



TE Part # 280708-2
MOD 2 CONTACT



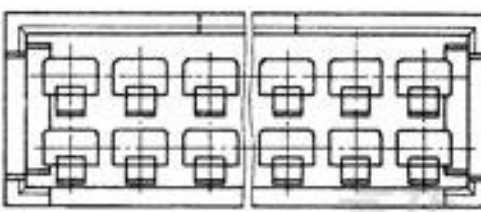
TE Part # 280530-3
MOD II COSI RECP CONT STR PRE



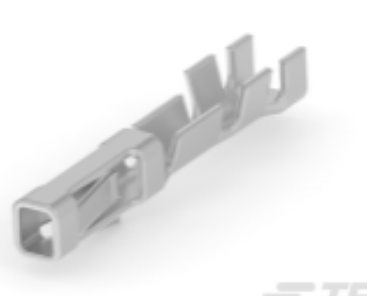
TE Part # 182207-2
AMP MODU II RCPT CONT COSI LP



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



TE Part # 280640
MOD II HSG



TE Part # 182206-2
MOD 2 TERMINAL

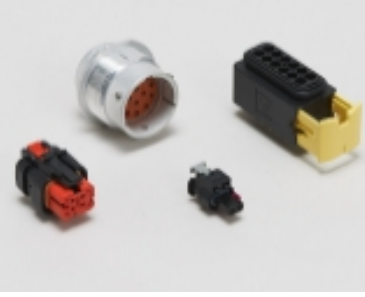


TE Part # 281999-1
MODU II RCPT STD PR COSI

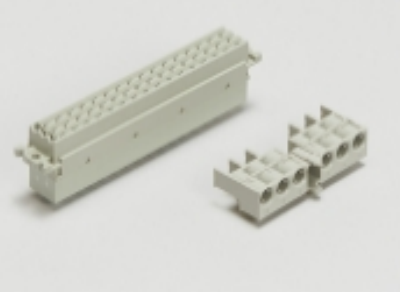


TE Part # 280522-3
2X12P MODU II SHRD HDR, RT ANG, AU

Also in the Series | AMPMODU IV/V



Automotive Housings(1)



Backplane Connector Housings(1)



Connector Caps & Covers(18)



Connector Contacts(321)



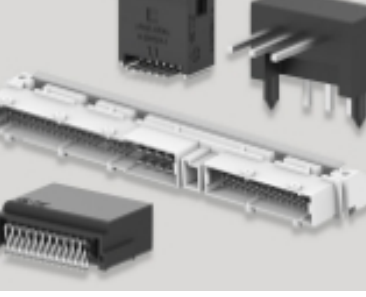
Connector Hardware(13)



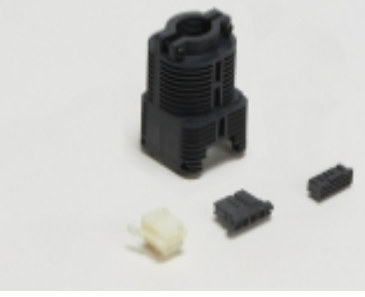
Connector Strain Relief(3)



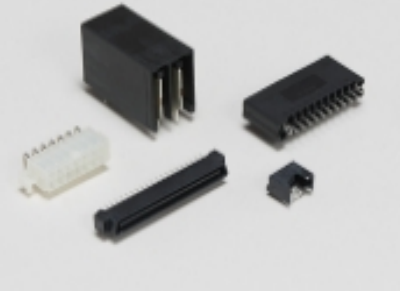
Insertion & Extraction Tools(4)



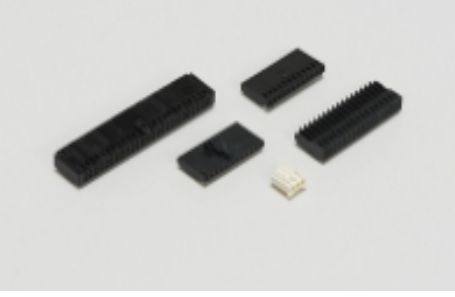
PCB Headers & Receptacles(931)



Rectangular Connector Housings(5)



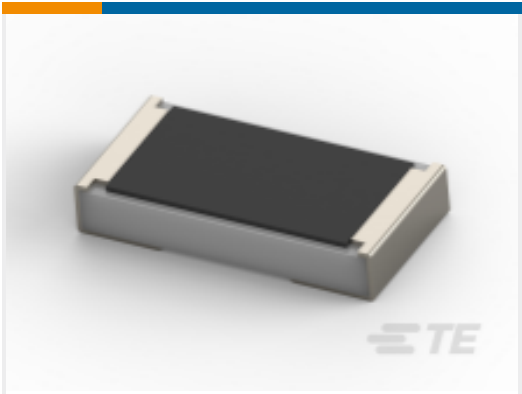
Standard Rectangular Connectors(8)



Wire-to-Board Connector Assemblies & Housings(444)

Customers Also Bought





TE Part # 1-2176231-3
SMD Power Resistor: 3 Watt, 1% Tol



TE Part # 5-1676966-5
SMW2 18R 5%



TE Part # 2-2176070-0
3521 62R 1% 2W



TE Part # 8-1879021-3
SMW3 270R 5%



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



TE Part # 280390-2
2X8P MODU II SHRD HDR,RT ANG, 0.38AU



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



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

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

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.