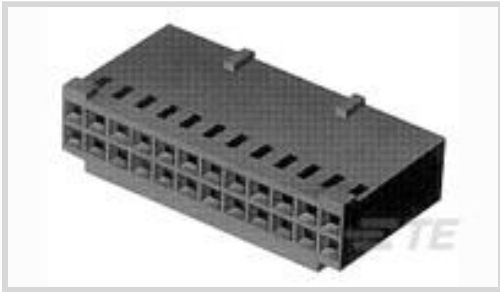




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



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

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
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]
Housing Color	Black

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]
-----------------------------	---------------------------

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](#)>

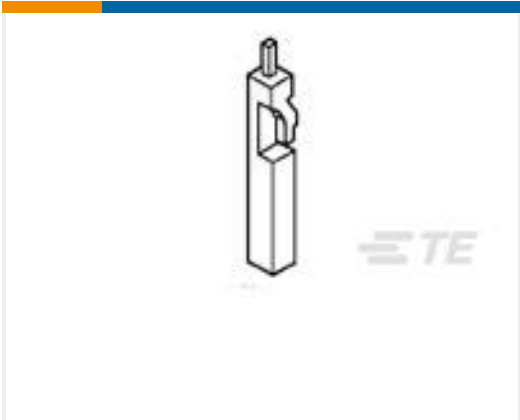
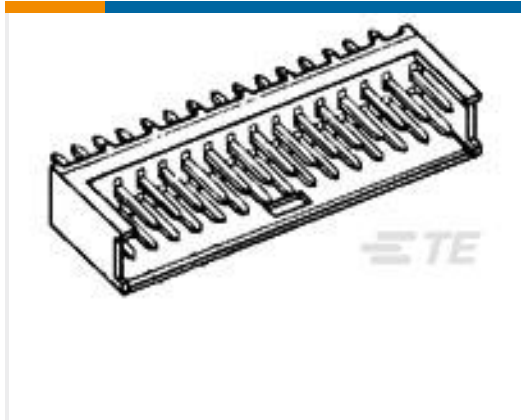
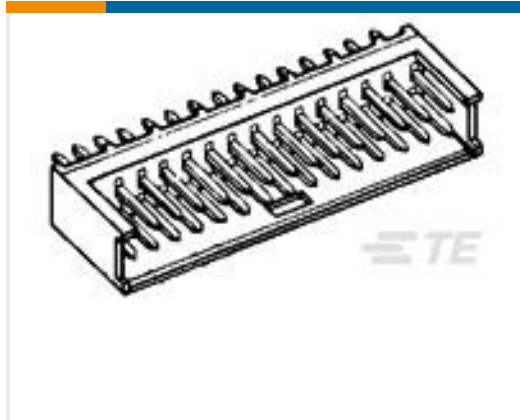
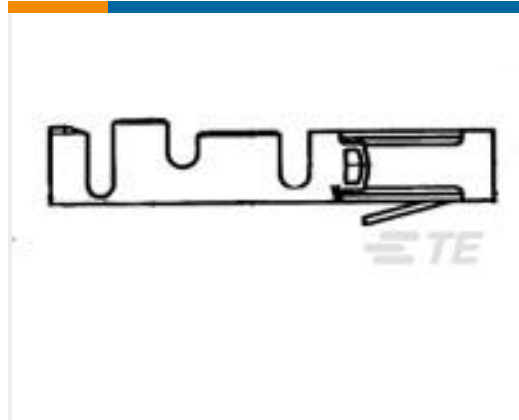
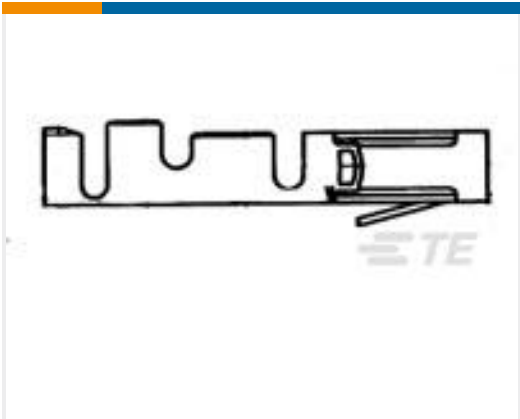
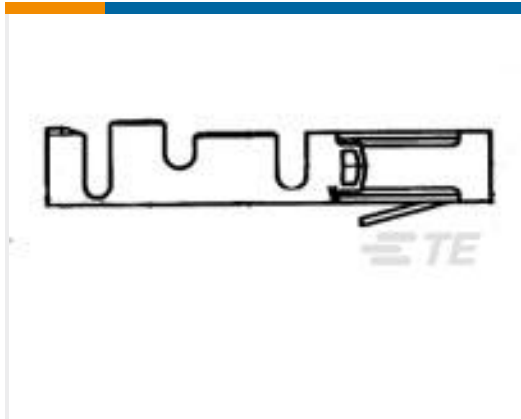
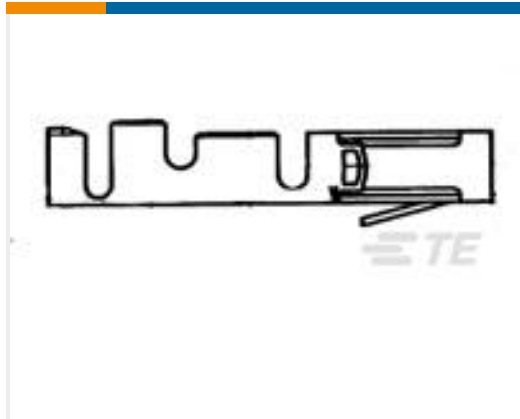
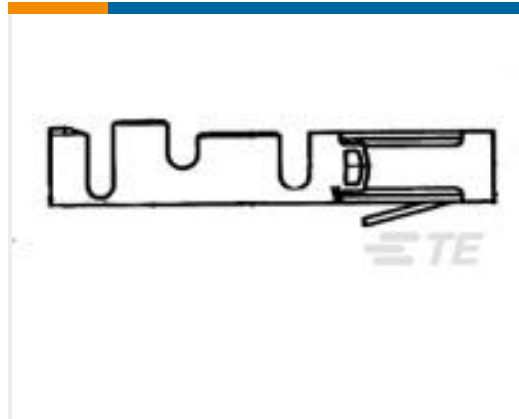
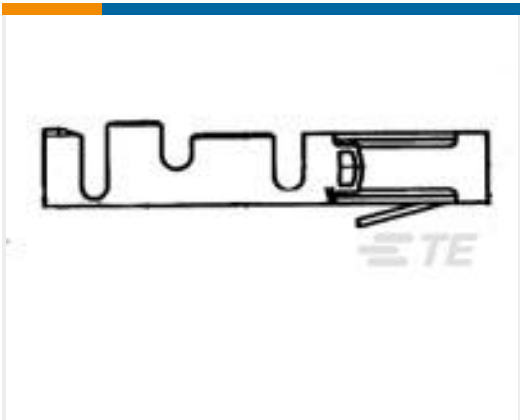
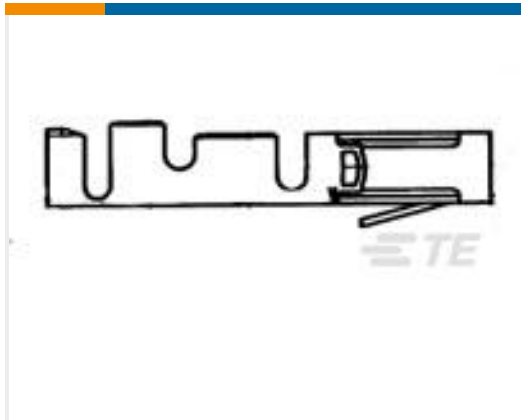
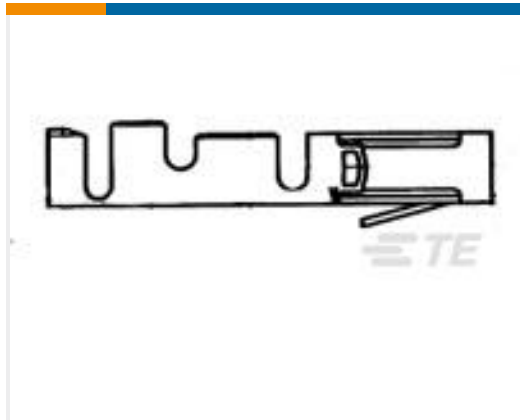
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not 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

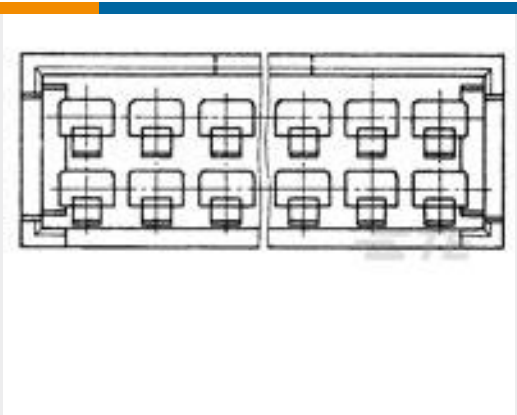


Product Compliance Disclaimer

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

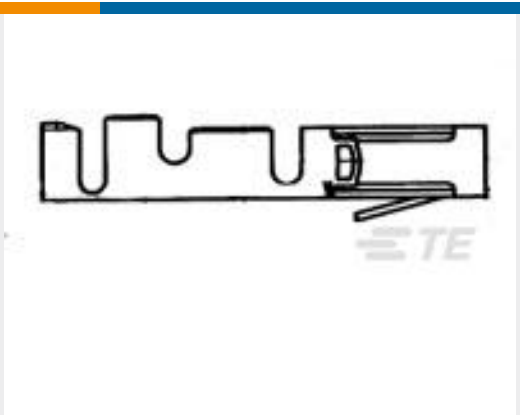
 TE Part # 87077-2 MOD IV KEYING PLUG	 TE Part # 280521-2 2X12P MODU II SHRD HDR, ST, 0.38AU	 TE Part # 280521-1 2X12P AMPMODU II SHRD HDR, ST, TIN	 TE Part # 181270-1 AMP-MODU CONTACT
 TE Part # 181270-2 MOD II CONTACT L.P.	 TE Part # 280530-4 MOD2 BUCHSE	 TE Part # 280530-2 AMP MODU MOD 2 CONT	 TE Part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



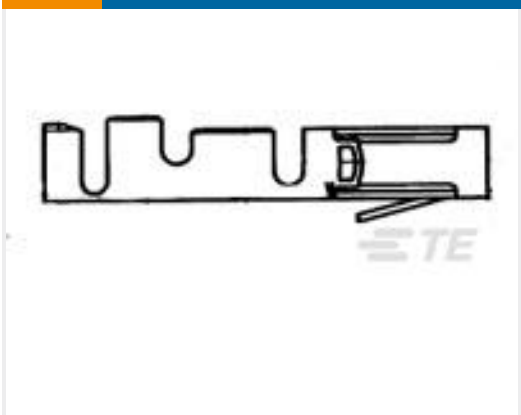
TE Part # 182206-2
MOD 2 TERMINAL



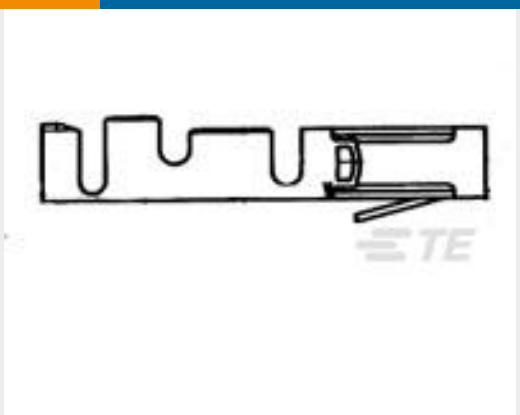
TE Part # 181270-3
MOD 2 BUCHSE



TE Part # 181271-2
MOD 2 CONTACT REC.



TE Part # 280708-2
MOD 2 CONTACT



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



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

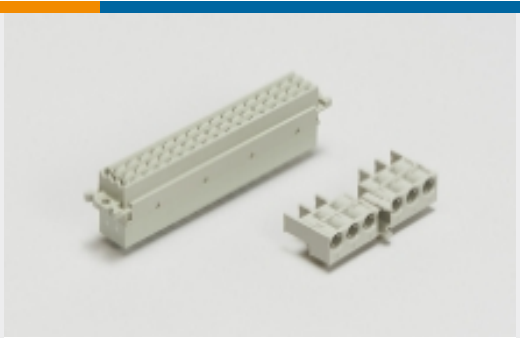
Also in the Series | AMPMODU IV/V



Automotive Headers(2)



Automotive Housings(4)



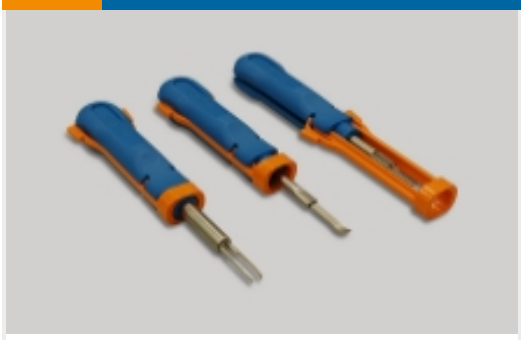
Backplane Connector Housings(1)



Board-to-Board Connector Contacts(6)



Board-to-Board Headers & Receptacles(937)



Insertion & Extraction Tools(4)



PCB Connector Covers(18)



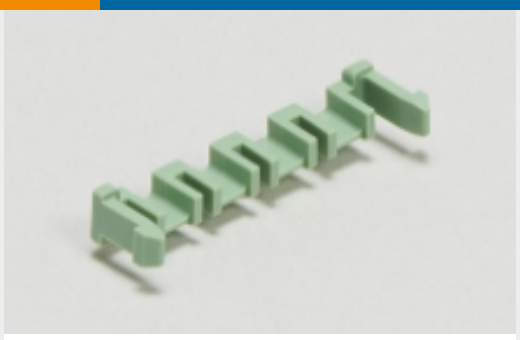
PCB Connector Keying(6)



PCB Connector Mounting(1)



PCB Connector Strain Relief(3)



PCB Latches, Locks & Retainers(9)



Rectangular Connector Housings(5)



Standard Rectangular Connectors(8)



Wire-to-Board Connector Assemblies & Housings(472)

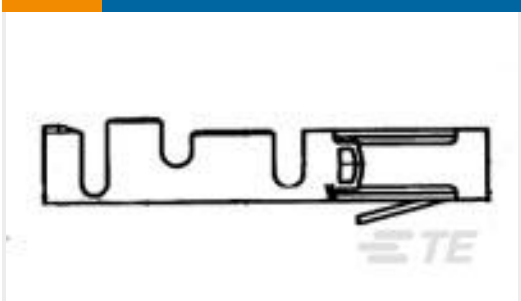


Wire-to-Board Connector Contacts (328)

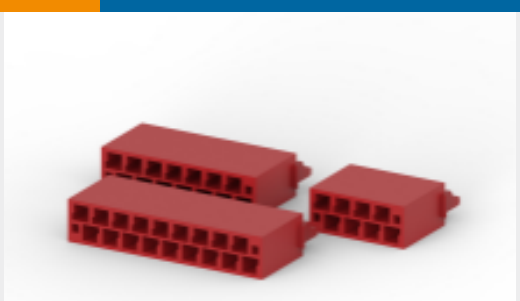
Customers Also Bought



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



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



TE Part #2-338095-0
CRIMP-ON-SNAP-IN HOUSING



TE Part #1-281839-0
HE13/HE14 Crimp Housings



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



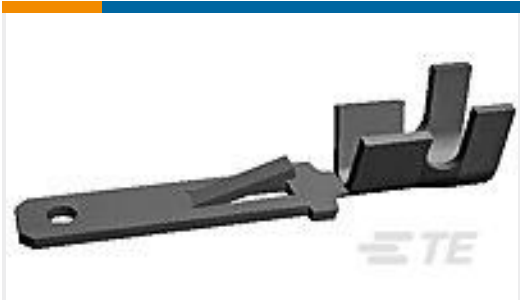
TE Part #1-6609008-9
CORCOM EJH SERIES IEC FILTERED INLETS



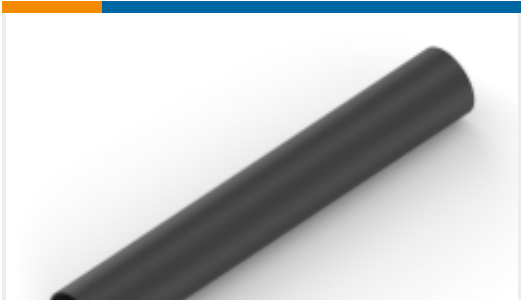
TE Part #280360
AMPMODU II REC. HSG, SINGLE ROW 6 POS



TE Part #181271-2
MOD 2 CONTACT REC.



TE Part #2-293041-2
FF TAB CONTACT 6.3 SERIES (STRIP FORM)



TE Part #NB20424001
VERSAFIT-3/32-0-SP

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

280515

AMPMODU IV/V, Housing, Receptacle, Wire-to-Board, 24 Position, 2.54mm [.1in]
Centerline, Crimp, 2 Row, Row-to-Row Spacing .1 in [2.54 mm]



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.

Product Environmental Compliance

[MD_280515_0622201690_dmtec](#)

English

[MD_280515_0622201690_dmtec](#)

English