



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: **18**
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	18
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	Without
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
Packaging Method	Bag

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 2023 (235)
Candidate List Declared Against: JUNE 2023 (235)
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

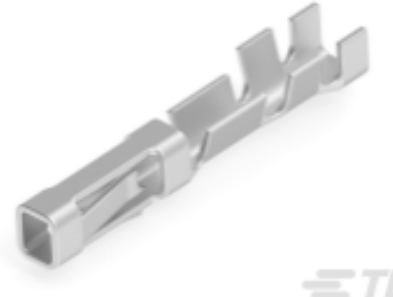
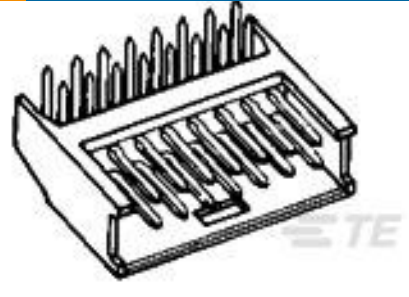
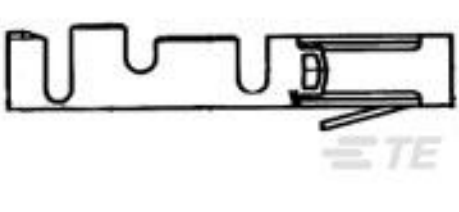
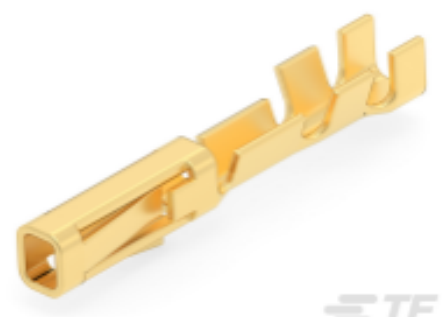
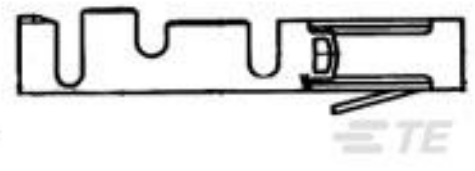
Product Compliance Disclaimer

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>

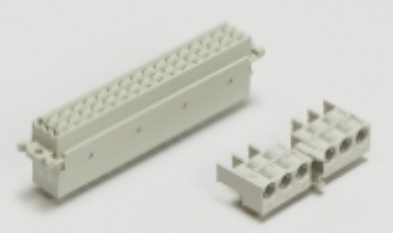
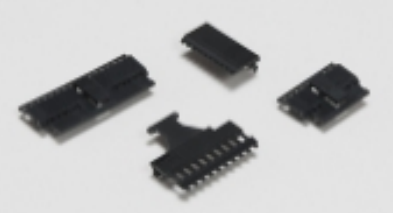
Compatible Parts

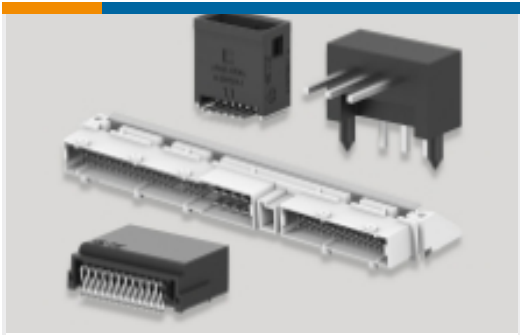
TE Part # 280509-2 18 POS .100DR MODU-	TE Part # 87077-2 MOD IV KEYING PLUG	TE Part # 181270-1 AMP-MODU CONTACT	TE Part # 280509-1 BARRE MODU 2 2X 9
TE Part # 181270-2 MOD II CONTACT L.P.	TE Part # 181270-3 MOD 2 BUCHSE	TE Part # 280530-4 MOD2 BUCHSE	TE Part # 280530-2 AMP MODU MOD 2 CONT



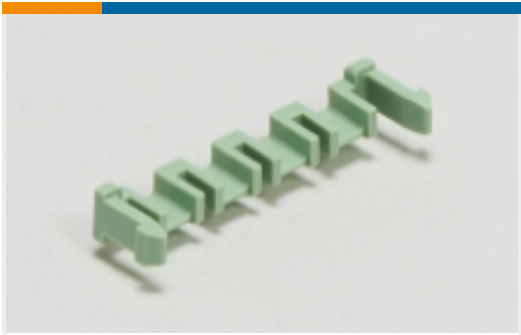
 TE Part # 281556-2 20AWG MOD 2 CRIMP TIN PLATE	 TE Part # 280530-1 MOD II COSI RECP CONT STR PH-B	 TE Part # 280708-2 MOD 2 CONTACT	 TE Part # 280510-2 2X9P MODU II SHRD HDR, RT ANG, AU
 TE Part # 280530-3 MOD II COSI RECP CONT STR PRE	 TE Part # 182207-2 AMP MODU II RCPT CONT COSI LP	 TE Part # 182206-2 MOD 2 TERMINAL	 TE Part # 181271-2 MOD 2 CONTACT REC.
 TE Part # 281999-1 MODU II RCPT STD PR COSI	 TE Part # 280510-1 2X9P MODU II SHRD HDR, RT ANG, TIN		

Also in the Series | AMPMODU IV/V

 Automotive Housings(2)	 Backplane Connector Housings(1)	 Board-to-Board Connector Contacts(6)	 Connector Strain Relief(3)
 Insertion & Extraction Tools(4)	 PCB Connector Covers(18)	 PCB Connector Keying(6)	 PCB Connector Mounting(1)



PCB Headers & Receptacles(934)



PCB Latches, Locks & Retainers(7)



Rectangular Connector Housings(5)



Standard Rectangular Connectors(8)



Wire-to-Board Connector Assemblies & Housings(447)

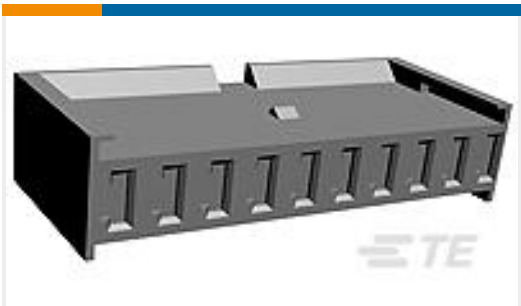


Wire-to-Board Connector Contacts (322)

Customers Also Bought



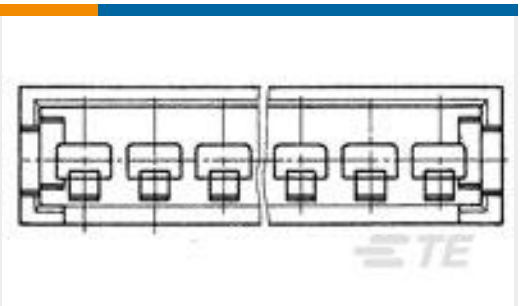
TE Part #3-2176058-1
RLP73K 3A R18 5% 2K RL



TE Part #280594
AMP MODU MOD I RECEPT HSG



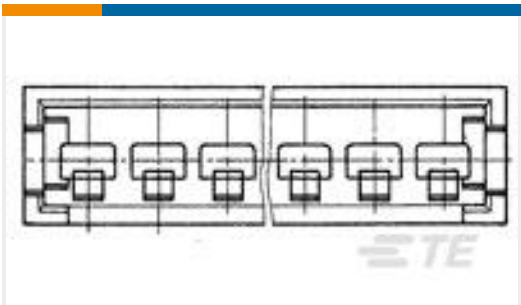
TE Part #280365
AMPMODU, DBL ROW, CONTACT REC



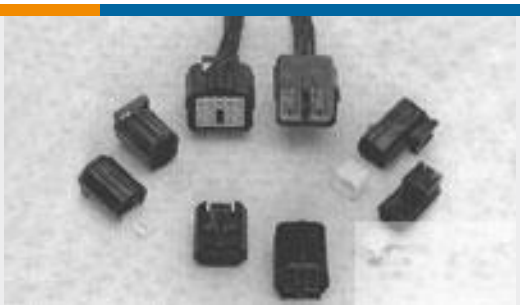
TE Part #280629
AMPMODU II COSI PIN HSG, SGL ROW, 4 POS.



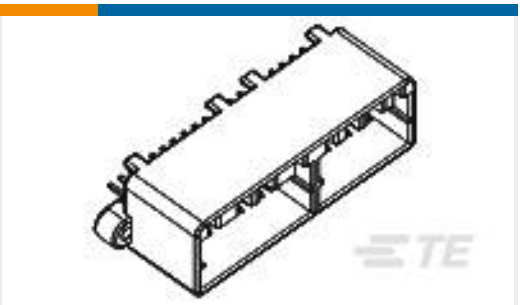
TE Part #280359
AMPMODU II REC. HSG, SINGLE ROW, 4 POS.



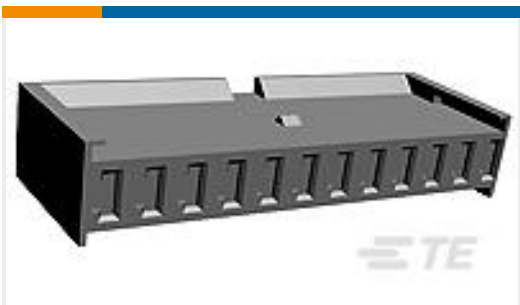
TE Part #280628
AMPMODU II COSI PIN HSG, SGL ROW, 2 POS.



TE Part #344268-1
4 WAY TAB HOUSING ECONO



TE Part #175977-2
040 MLC CAP ASS'Y V 36P



TE Part #280595
AMP MODU MOD I RECEPT HSG

Documents



Product Drawings

AMPMODU II REC. HSG, DUAL ROW, 18 POS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_280513_AA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_280513_AA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_280513_AA.3d_stp.zip

English

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

Product Environmental Compliance

TE Material Declaration

English