

280361 ✓ ACTIVE

AMPMODU | AMPMODU IV/V

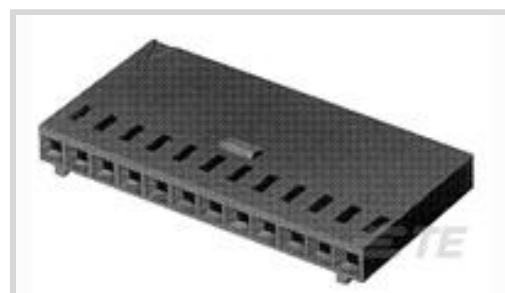
TE Internal #: 280361

AMPMODU IV/V, Housing, Receptacle, Wire-to-Board, 8 Position, 2.54mm [.1in] Centerline, Crimp, 1 Rows, Row-to-Row Spacing .1 in [2.54 mm], Black

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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: **8**

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	8
Number of Rows	1

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)
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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]
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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	Not Yet Reviewed
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 2020 (205) Candidate List Declared Against: JAN 2020 (205) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205)

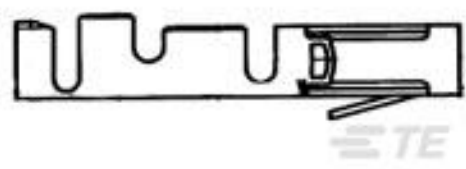
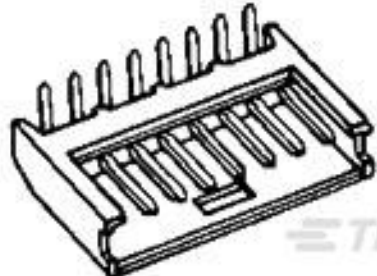
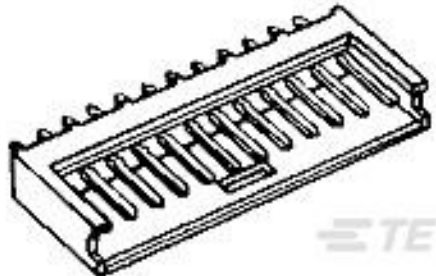
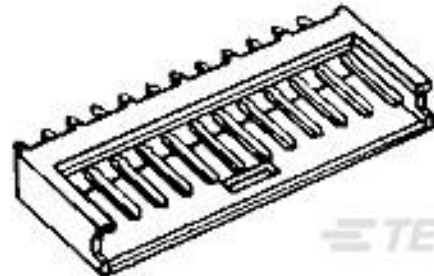



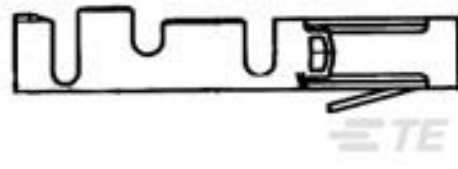


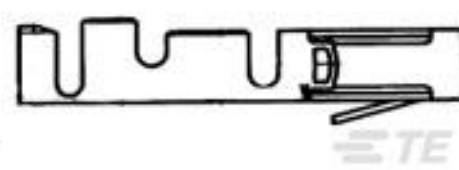
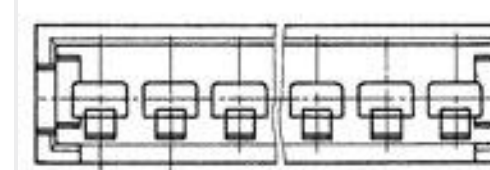
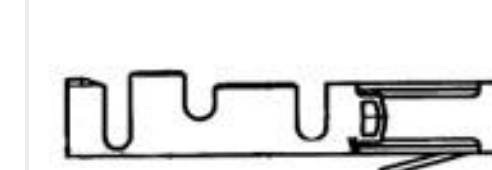
	Candidate List Declared Against: JAN 2020 (205)
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer



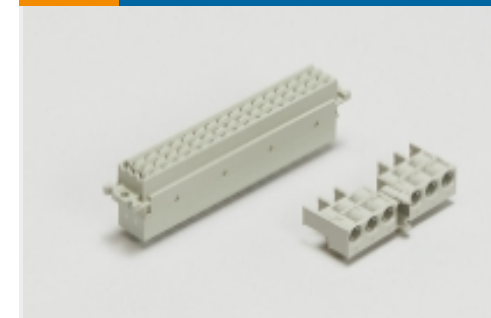


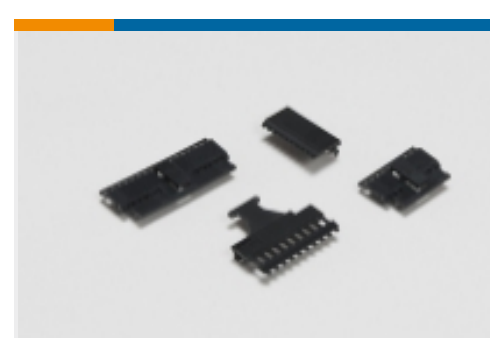


This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

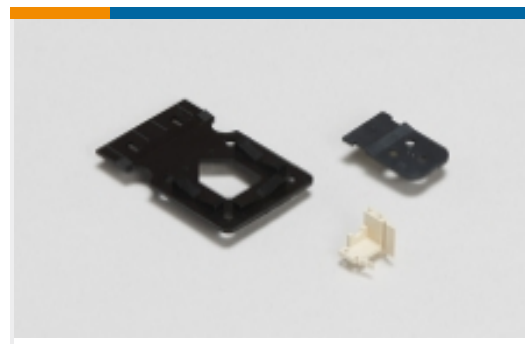
Compatible Parts

 <p>TE Model / Part # 281556-2 20AWG MOD 2 CRIMP TIN PLATE</p>	 <p>TE Model / Part # 280380-1 8P AMPMODU II SHRD HDR, RT ANG, TIN</p>	 <p>TE Model / Part # 280373-2 8P AMPMODU II SHRD HDR, ST, 0.38 AU</p>	 <p>TE Model / Part # 280373-1 8P AMPMODU II SHRD HDR, ST, TIN</p>
 <p>TE Model / Part # 87077-2 MOD IV KEYING PLUG</p>	 <p>TE Model / Part # 181270-2 MOD II CONTACT L.P.</p>	 <p>TE Model / Part # 280530-1 MOD II COSI RECP CONT STR PH-B</p>	 <p>TE Model / Part # 280530-2 AMP MODU MOD 2 CONT</p>

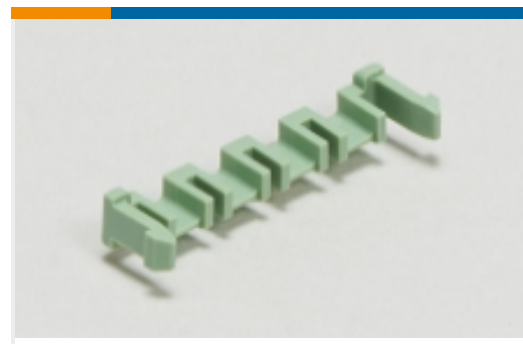
 <p>TE Model / Part # 280708-2 MOD 2 CONTACT</p>	 <p>TE Model / Part # 280631 AMPMODU II COSI PIN HSG, SGL ROW, 8 POS.</p>	 <p>TE Model / Part # 182207-2 AMP MODU II RCPT CONT COSI LP</p>	 <p>TE Model / Part # 181270-3 MOD 2 BUCHSE</p>
 <p>TE Model / Part # 182206-2 MOD 2 TERMINAL</p>	 <p>TE Model / Part # 280380-2 8P MODU II SHRD HDR, RT ANG, 0.38 AU</p>	 <p>TE Model / Part # 181271-2 MOD 2 CONTACT REC.</p>	 <p>TE Model / Part # 181270-1 AMP-MODU CONTACT</p>
 <p>TE Model / Part # 280530-4 MOD2 BUCHSE</p>	 <p>TE Model / Part # 280530-3 MOD II COSI RECP CONT STR PRE</p>	 <p>TE Model / Part # 280380-3 8P MODU II SHRD HDR, RT ANG, 0.76 AU</p>	 <p>TE Model / Part # 281999-1 MODU II RCPT STD PR COSI</p>

Also in the Series | AMPMODU IV/V

 <p>Automotive, Truck, Bus, & Off-Road Headers(2)</p>	 <p>Automotive, Truck, Bus, & Off-Road Housings(2)</p>	 <p>Backplane Connector Housings(1)</p>	 <p>Board-to-Board Connector Contacts(6)</p>
 <p>Board-to-Board Headers & Receptacles(788)</p>	 <p>PCB Connector Covers(15)</p>	 <p>PCB Connector Keying(6)</p>	 <p>PCB Connector Mounting(1)</p>



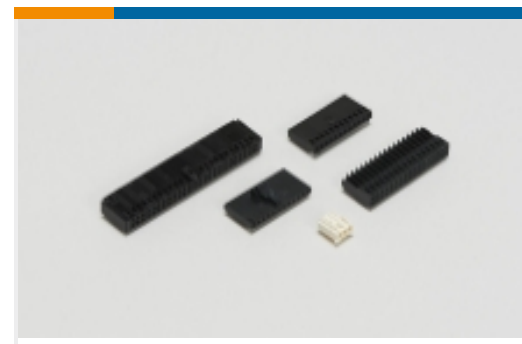
PCB Connector Strain Relief(2)



PCB Latches, Locks & Retainers(10)



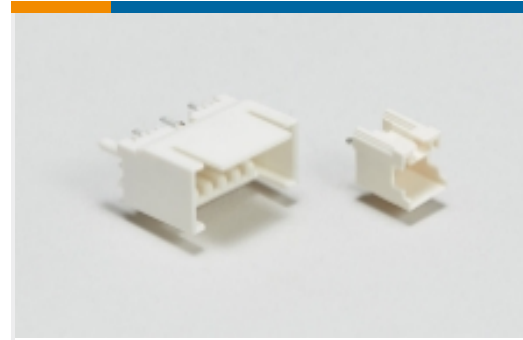
Rectangular Connector Housings(2)



Wire-to-Board Connector Assemblies & Housings(450)

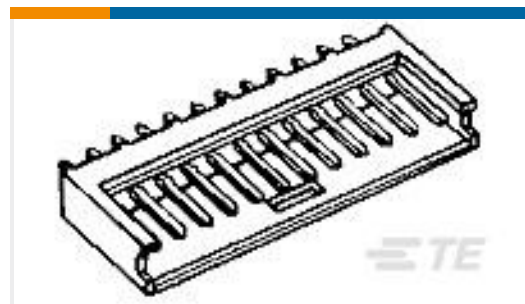


Wire-to-Board Connector Contacts (313)



Wire-to-Board Headers & Receptacles (8)

Customers Also Bought



TE Model / Part #280373-2
8P AMPMODU II SHRD HDR, ST, 0.38 AU



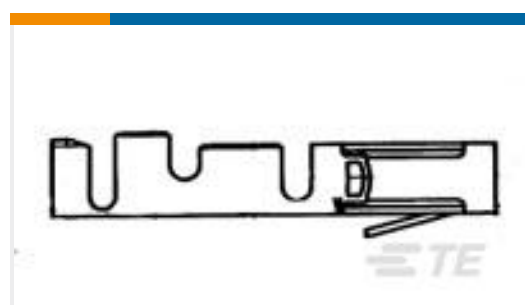
TE Model / Part #280373-1
8P AMPMODU II SHRD HDR, ST, TIN



TE Model / Part #280372-2
6P AMPMODU II SHRD HDR, ST, 0.38 AU



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



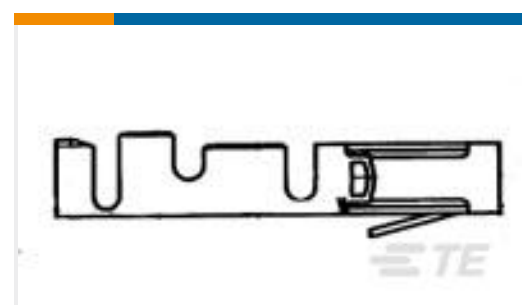
TE Model / Part #181270-2
MOD II CONTACT L.P.



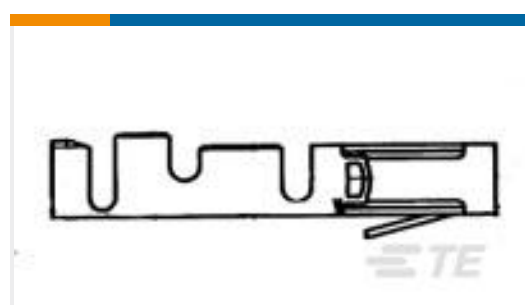
TE Model / Part #86561-6
ROUND WIRE PIN L.P.



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



TE Model / Part #280708-2
MOD 2 CONTACT



TE Model / Part #182206-2
MOD 2 TERMINAL



TE Model / Part #280362
AMPMODU II REC. HSG, SINGLE ROW, 10 POS.

Documents



Product Drawings

AMPMODU II REC. HSG, SINGLE ROW 8 POS

English

CAD Files

Customer View Model

[ENG_CVM_CVM_280361_Y.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_280361_Y.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_280361_Y.3d_stp.zip](#)

English

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Product Environmental Compliance

[MD_280361_11222018352_dmtec](#)

English

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English