

280515 ✓ ACTIVE

AMPMODU | AMPMODU IV/V

TE Internal #: 280515

Housing, Receptacle, Wire-to-Board, 24 Position, .1 in [2.54 mm]  
Centerline, Crimp, 2 Row, Black, Mating Retention, Wire & Cable,  
Signal, AMPMODU IV/V

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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: **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)
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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]

### 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: 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 # 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 # 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 # 181271-2  
MOD 2 CONTACT REC.

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(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

<p>TE Part #1-2176231-3 3522 33R 1% 3W</p>	<p>TE Part #280509-2 18 POS .100DR MODU-</p>	<p>TE Part #280520-2 12P AMPMODU II SHRD HDR, ST, 0.38 AU</p>	<p>TE Part #280514 AMPMODU II REC. HSG, SINGLE ROW, 12 POS.</p>
<p>TE Part #280374-2 10P AMPMODU II SHRD HDR, ST, 0.38 AU</p>	<p>TE Part #280521-1 2X12P AMPMODU II SHRD HDR, ST, TIN</p>	<p>TE Part #280360 AMPMODU II REC. HSG, SINGLE ROW 6 POS</p>	<p>TE Part #280359 AMPMODU II REC. HSG, SINGLE ROW, 4 POS.</p>
<p>TE Part #1676386-2 RN 0805 5K23 0.1% 10PPM 1KRL</p>			

## 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

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### Product Environmental Compliance

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