

166679-1 ✓ ACTIVE

AMPMODU | AMPMODU IV/V

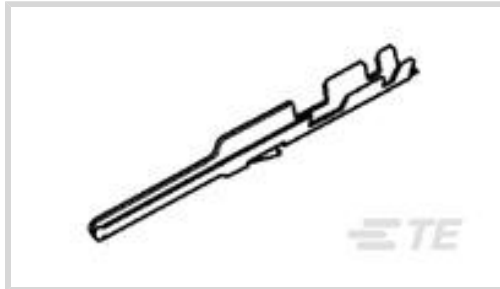
TE Internal #: 166679-1

Connector Contact, Pin, Wire-to-Board, 26 – 22 AWG Wire Size,  
252.8 – 642.4 CMA Wire Size, .12 – .33 mm<sup>2</sup> Wire Size, Gold, Box,  
AMPMODU IV/V

[View on TE.com >](#)



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Contacts



Contact Type: **Pin**

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

Wire Size: **.12 – .33 mm<sup>2</sup>**

## Features

### Product Type Features

Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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### Contact Features

Contact Retention Within Housing	With
Mating Tab Width	.67 mm[.026 in]
Mating Tab Thickness	.64 mm[.025 in]
Contact Underplating Material Thickness	.8 μm[31.4 μin]
Wire Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.8 μm[31.4 μin]
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Base Material	Phosphor Bronze
Contact Type	Pin
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	3 A

### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Wire Insulation Support	With

### Dimensions

Compatible Insulation Diameter Range	1.6 mm[.063 in]
Wire Size	.12 – .33 mm <sup>2</sup>

### Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
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### Operation/Application

Circuit Application	Power & Signal
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### Packaging Features

Packaging Quantity	200
Packaging Method	Box

### 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>

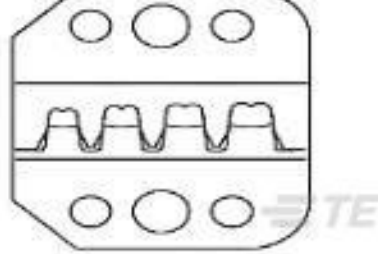
## Compatible Parts



TE Part # 91517-1  
CII FEMALE MOD IV REC 24-22 ASSY




TE Part # 58641-1  
PRO-CRIMP TL & DIE MOD IV

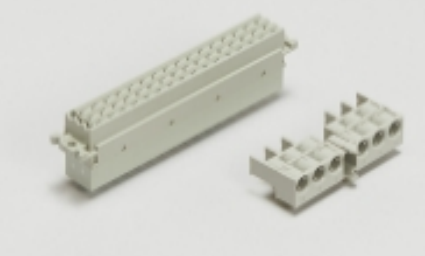


TE Part # 58641-2  
PROCRIMP DIE MOD IV


## Also in the Series | AMPMODU IV/V




Automotive Housings(2)




Backplane Connector Housings(1)




Board-to-Board Connector Contacts(6)



Connector Caps & Covers(18)



Connector Strain Relief(3)



Insertion & Extraction Tools(4)



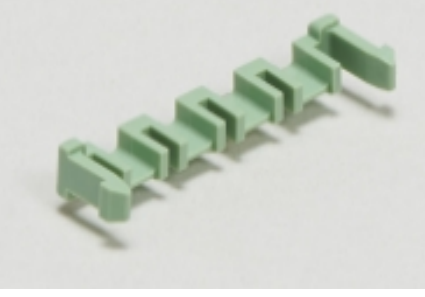
PCB Connector Keying(6)




PCB Connector Mounting(1)



PCB Headers & Receptacles(934)



PCB Latches, Locks & Retainers(7)



Rectangular Connector Housings(5)



Standard Rectangular Connectors(8)

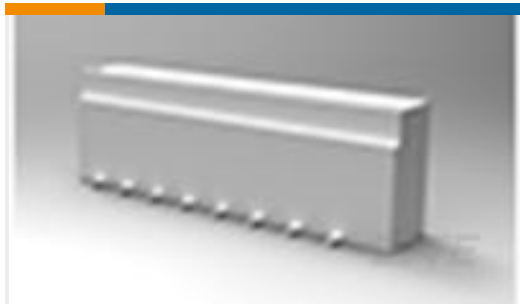


Wire-to-Board Connector Assemblies & Housings(447)



Wire-to-Board Connector Contacts (322)

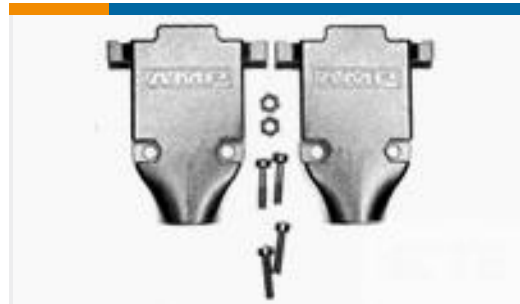
## Customers Also Bought



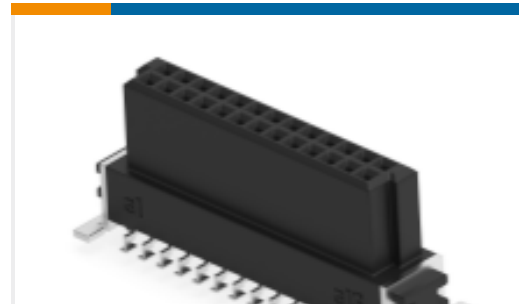
TE Part #84982-7  
1MM FFC SMT V ASSY 7P EMBOSS



TE Part #11026588-00  
44007RC,THERM,ROHS



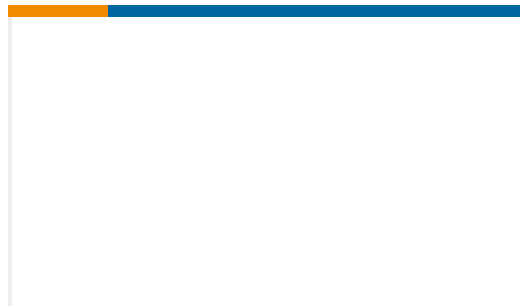
TE Part #5748678-5  
2 PC PLST CBL CLMP KIT



TE Part #154718-E  
SMCB 26 F AB VV 7-03 CL \* H007 137 E002



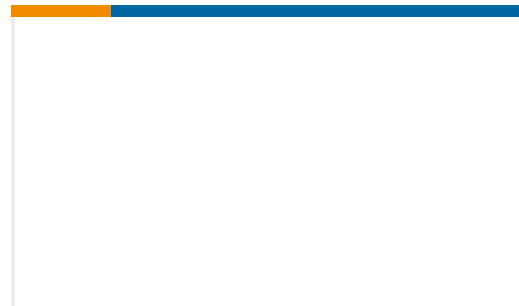
TE Part #2828384-2  
CONN KIT,VITA66.4-DERIV,PLUG, DUAL-CAVITY



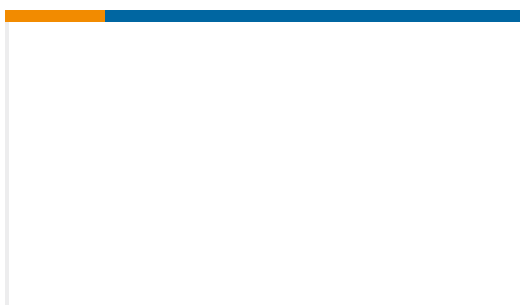
TE Part #4-1608065-9  
187-32C200=R3397



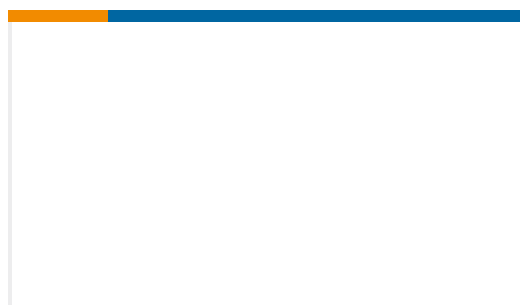
TE Part #254979-E  
STVCD 128 F ABCD VVV 7-00 EEUE 13,0 \* 2



TE Part #384210-E  
STVC/2 32 M AC VV 4-00 0606 \* \* 247 E007



TE Part #434286-E  
FRAEZT 11,4 C \* 016 \* J 1 54266 FUEHRUNG



TE Part #7-1768019-3  
EK820

## Documents

### Product Drawings

[MOD-4 PIN CONTACT](#)

English

### CAD Files

[Customer View Model](#)

[ENG\\_CVM\\_166679-1\\_O.3d\\_igs.zip](#)

English

[Customer View Model](#)



[ENG\\_CVM\\_166679-1\\_O.3d\\_stp.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_166679-1\\_O.2d\\_dxf.zip](#)

English

**3D PDF**

English

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

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### Datasheets & Catalog Pages

[AMPMODU Interconnection System](#)

[AMPMODU Interconnection System](#)

English

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### Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English