

87022-9 ✓ ACTIVE

AMPMODU | AMPMODU IV/V

TE Internal #: 87022-9

Connector Contact, Pin, Wire-to-Board, Gold, Reel, Printed Circuit Board, 3 A, Signal, Board Mount, -65 – 257 °F [-55 – 125 °C], 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**

Contact Mating Area Plating Material: **Gold**

Packaging Method: **Reel**

Connector & Contact Terminates To: **Printed Circuit Board**

Features

Product Type Features

Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Electrical Characteristics

Dielectric Withstanding Voltage (Max)	750 V
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Contact Features

Contact Mating Area Length	7.06 mm[.278 in]
Mating Square Post Dimension	.64 mm[.025 in]
	15 µin
Contact Shape & Form	Square
Contact Orientation	Straight
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Gold
Contact Base Material	Phosphor Bronze
Contact Type	Pin
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	3 A

Termination Features

Square Termination Post & Tail Dimension	.64 mm[.025 in]
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Mechanical Attachment

Wire Insulation Support	Without
Connector Mounting Type	Board Mount

Dimensions

PCB Hole Diameter	.91 mm[.036 in]
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Usage Conditions

Operating Temperature Range	-55 – 125 °C[-65 – 257 °F]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Quantity	20000
Packaging Method	Reel

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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	Wave solder capable to 265°C

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 # 1-87022-7
MOD II POST PLTD 30 AU

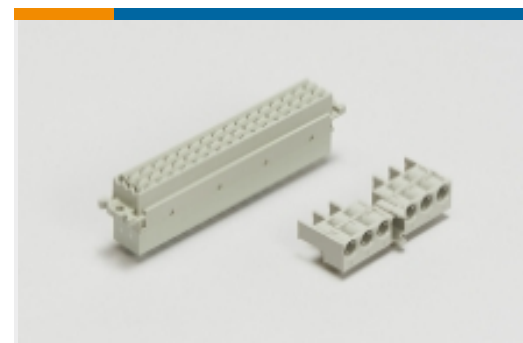


TE Part # 6-87022-6
MOD II POST PLTD 15 AU

Also in the Series | AMPMODU IV/V



Automotive Housings(2)



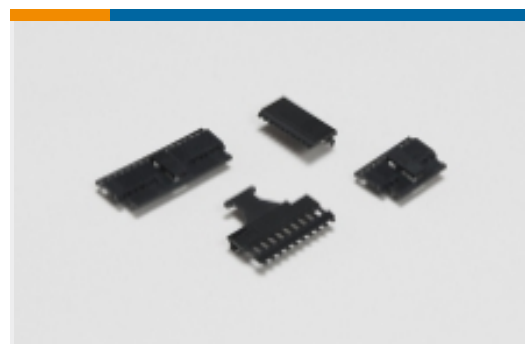
Backplane Connector Housings(1)



Board-to-Board Connector Contacts(6)



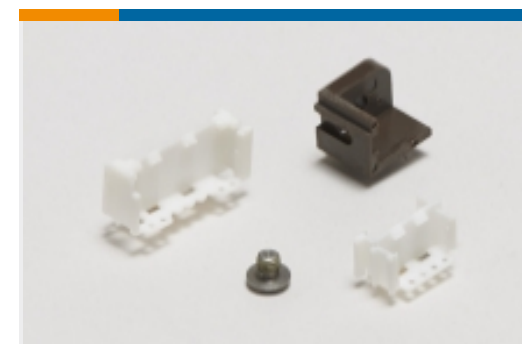
Insertion & Extraction Tools(4)



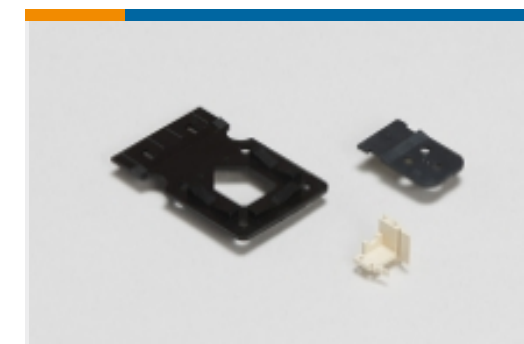
PCB Connector Covers(18)



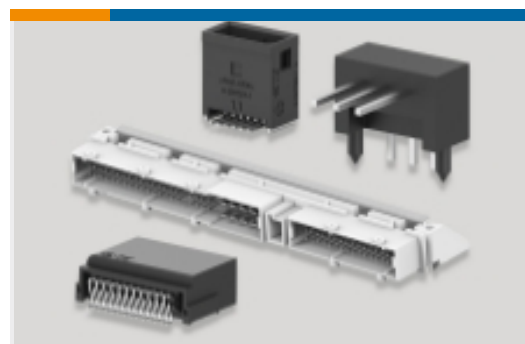
PCB Connector Keying(6)



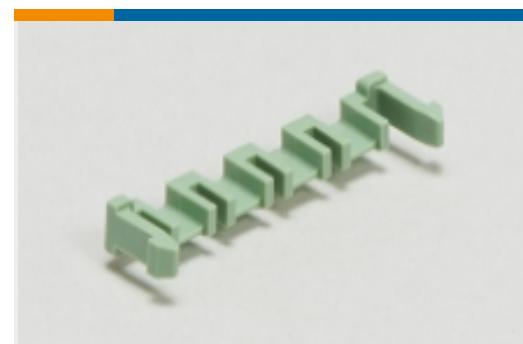
PCB Connector Mounting(1)



PCB Connector Strain Relief(3)



PCB Headers & Receptacles(939)



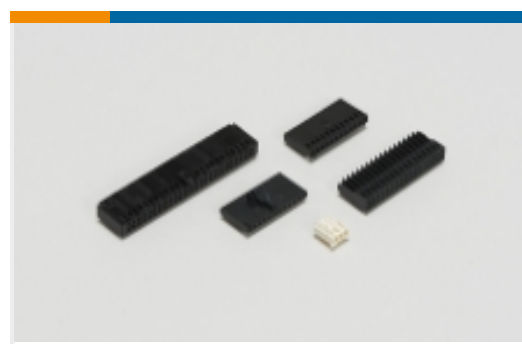
PCB Latches, Locks & Retainers(7)



Rectangular Connector Housings(5)



Standard Rectangular Connectors(8)



Wire-to-Board Connector Assemblies
& Housings(467)



Wire-to-Board Connector Contacts
(326)

Documents

Product Drawings

MOD II POST PLTD 15 AU

English

CAD Files

Customer View Model

[ENG_CVM_87022-9_W.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_87022-9_W.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_87022-9_W.2d_dxf.zip](#)

English

3D PDF

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_87022-9_AN.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_87022-9_AN.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_87022-9_AN.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English

AMPMODU Mod I And II Posts

English



[Application Specification](#)

Japanese

[AMPMODU Mod I And II Posts](#)

Japanese

[Application Specification](#)

English