

102692-3

✓ ACTIVE

AMPMODU | AMPMODU Headers

TE Internal #: 102692-3

PCB Mount Header, Vertical, Board-to-Board, 36 Position, 2.54 mm

[.1 in] Centerline, Fully Shrouded, Gold, Through Hole - Solder,

AMPMODU Headers

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Connectors > PCB Connectors > PCB Headers & Receptacles

PCB Connector Assembly Type: **PCB Mount Header**PCB Mount Orientation: **Vertical**Connector System: **Board-to-Board**Number of Positions: **36**Number of Rows: **2****Features****Product Type Features**

PCB Connector Assembly Type	PCB Mount Header
Connector System	Board-to-Board
Header Type	Fully Shrouded
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Stackable	No
PCB Mount Orientation	Vertical
Number of Positions	36
Number of Rows	2

Electrical Characteristics

Termination Resistance	12 mΩ
Dielectric Withstanding Voltage (Max)	750 VACrms
Operating Voltage	250 VAC

Body Features

Primary Product Color	Black
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Contact Features

Contact Mating Area Length	5.08 mm[.2 in]
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Mating Square Post Dimension	.64 mm[.025 in]
	100 – 200 μ in
Contact Shape & Form	Square
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.762 μ m[30 μ in]
Contact Type	Pin
Contact Current Rating (Max)	2 A

Termination Features

Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Post & Tail Length	4.57 mm[.18 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Mating Retention	Without
PCB Mount Retention Type	Board Retention Tail
Mating Alignment	With
Mating Alignment Type	Guide Pins
PCB Mount Retention	With
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	Thermoplastic

Dimensions

Connector Height	13.97 mm[.55 in]
Row-to-Row Spacing	2.54 mm[.1 in]
Stack Height	11.43 mm[.45 in]
PCB Thickness (Recommended)	1.4 mm[.055 in]

Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
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Operation/Application

Solder Process Feature

Board Standoff

Circuit Application

Signal

Industry Standards

Approved Standards

CSA LR7189, UL E28476

UL Flammability Rating

UL 94V-0

Packaging Features

Packaging Quantity

36

Packaging Type

Tube

Product ComplianceFor compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU

Not Compliant

EU ELV Directive 2000/53/EC

Compliant with Exemptions

China RoHS 2 Directive MIIT Order No 32, 2016

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)

SVHC > Threshold:

Pb (13% in Component Part)

Article Safe Usage Statements:

Do not eat, drink or smoke when using this product. Wash thoroughly after
handling. Recycle if possible and dispose of the article by following all applicable
governmental regulations relevant to your geographic location.

Halogen Content

BFR/CFR/PVC Free, but Br/Cl >900 ppm in
other sources.

Solder Process Capability

Wave solder capable to 240°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>

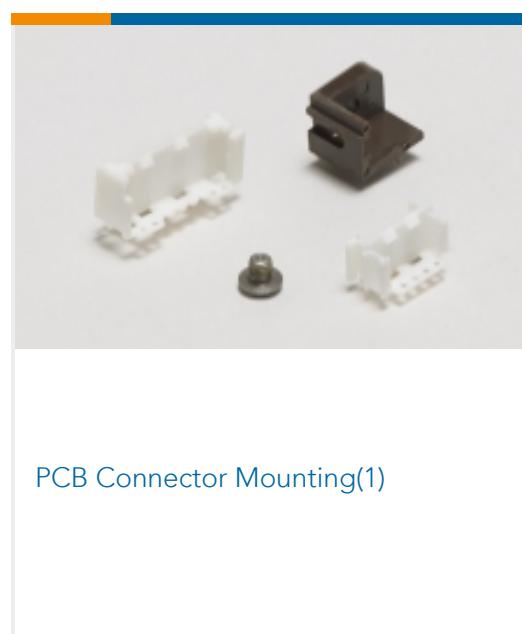
Compatible Parts



TE Part # 532956-6
36 MODII 2PC CE RCPT ASSY

TE Part # 534204-3
36 MODU 2-PC CE RECP ASSY

Also in the Series | AMPMODU Headers



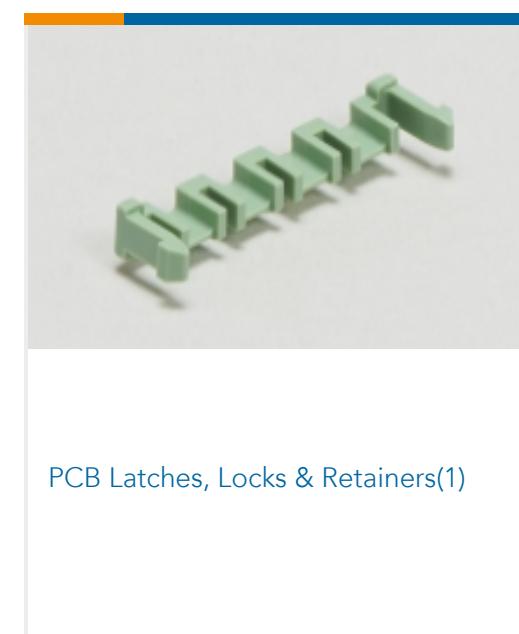
PCB Connector Mounting(1)



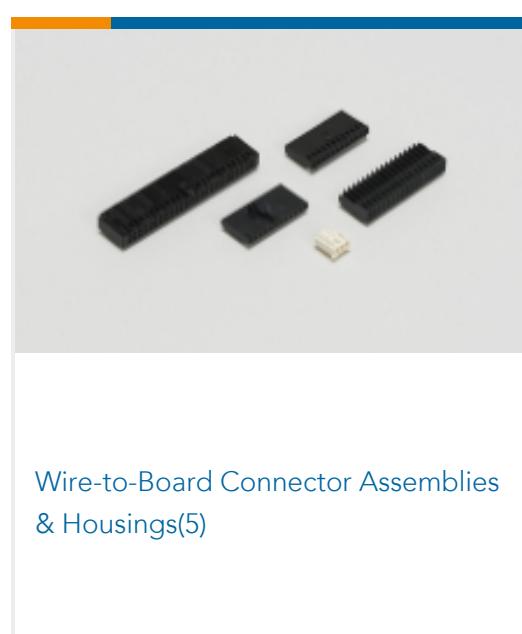
PCB Connector Shrouds(1)



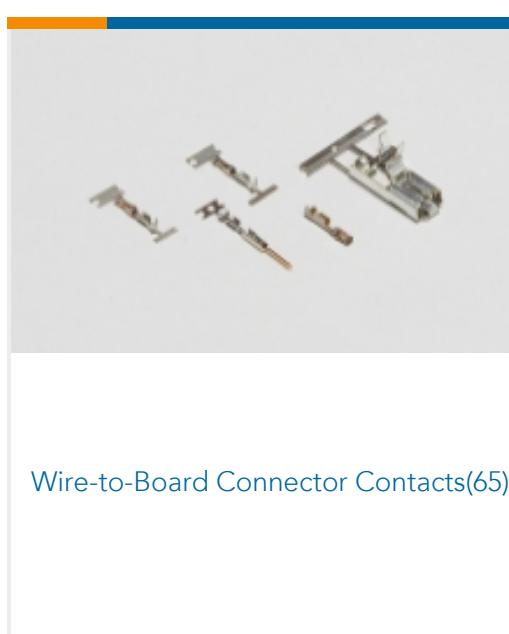
PCB Headers & Receptacles(4875)



PCB Latches, Locks & Retainers(1)



Wire-to-Board Connector Assemblies & Housings(5)



Wire-to-Board Connector Contacts(65)

Customers Also Bought



TE Part #4-2176363-4
RQ 0402 1K21 0.1% 10PPM 5K RL



TE Part #3-2176392-4
RQ 1206 294K 0.1% 10PPM 5K RL



TE Part #1-103644-4
15 MTE RCPT SR LATCH .100CL



TE Part #1-146762-6
26 MODII RCPT VERT DR



TE Part #1-1804791-1
SEATING TL ASSY, STD 5 PAIR



TE Part #823242-000
322A412-3-0



TE Part #1-2176373-7
RQ 0805 14R7 0.1% 10PPM 1K RL



TE Part #1-102973-2
24 MODII HDR DRST B/A .100CL



TE Part #5-643813-5
25P MTA100 CONN ASSY POL RIB

Documents

Product Drawings

36 MODII 2PC HDR DR SHRD

English

CAD Files

Customer View Model

[ENG_CVM_102692-3_L2.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_102692-3_L2.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_102692-3_L2.3d_stp.zip](#)

English

3D PDF

English

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

Product Specifications

Application Specification

English

[AMPMODU Mod II 2-Piece Double Row Header Assemblies](#)

English