

534974-8 ✓ ACTIVE

AMPMODU | Modu Connector System

TE Internal #: 534974-8

PCB Mount Receptacle, Right Angle, Board-to-Board, 150 Position,
2.54 mm [.1 in] Centerline, Gold, Through Hole - Solder, Modu
Connector System

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **150**

Number of Rows: **3**

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| PCB Connector Assembly Type | PCB Mount Receptacle |
| Connector System | Board-to-Board |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

| | |
|------------------------------|-------------|
| Stackable | Yes |
| PCB Mount Orientation | Right Angle |
| Number of Positions | 150 |
| Number of Rows | 3 |
| Board-to-Board Configuration | Co-Planar |

Electrical Characteristics

| | |
|---------------------------------------|---------|
| Termination Resistance | 12 mΩ |
| Dielectric Withstanding Voltage (Max) | 750 VAC |
| Insulation Resistance | 5000 MΩ |
| Operating Voltage | 250 VAC |

Body Features

| | |
|-----------------------|-------|
| Connector Profile | Low |
| Primary Product Color | Brown |

Contact Features



| | |
|--|-----------------|
| Contact Layout | Inline |
| Mating Square Post Dimension | .64 mm[.025 in] |
| | 50 µin |
| PCB Contact Termination Area Plating Material Finish | Matte |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Base Material | Phosphor Bronze |
| Contact Mating Area Plating Material | Gold |
| Contact Mating Area Plating Material Thickness | .762 µm[30 µin] |
| Contact Type | Socket |
| Contact Current Rating (Max) | 3 A |

Termination Features

| | |
|---|------------------------------------|
| Rectangular Termination Post & Tail Thickness | .2 mm[.008 in] |
| Rectangular Termination Post & Tail Width | .69 mm[.027 in] |
| Termination Post & Tail Length | 2.92 mm, 3.68 mm[.115 in][.145 in] |
| Termination Method to Printed Circuit Board | Through Hole - Solder |

Mechanical Attachment

| | |
|--------------------------|-----------------|
| Mating Retention | Without |
| PCB Mount Retention Type | Guide Pin |
| Mating Alignment | With |
| Mating Alignment Type | Guide Pin Slots |
| PCB Mount Retention | Without |
| PCB Mount Alignment | Without |
| Connector Mounting Type | Board Mount |

Housing Features

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

Dimensions

| | |
|-----------------------------|------------------|
| Row-to-Row Spacing | 2.54 mm[.1 in] |
| PCB Thickness (Recommended) | 1.57 mm[.062 in] |

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Housing Temperature Rating | High |
| Operating Temperature Range | -65 – 105 °C[-85 – 221 °F] |



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 Type | Tube |
|----------------|------|

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

| | |
|---|--|
| EU RoHS Directive 2011/65/EU | Not Compliant |
| EU ELV Directive 2000/53/EC | Not Compliant |
| 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 2022 (224) Candidate List Declared Against: JAN 2020 (205) 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 | Not Yet Reviewed for halogen content |
| 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 # 103264-3
150 MODII 2PC HDR 3R SHRD



TE Part # 5-534974-3
72 MODII HORZ 2PC 3R CE 100CL,
RoHS

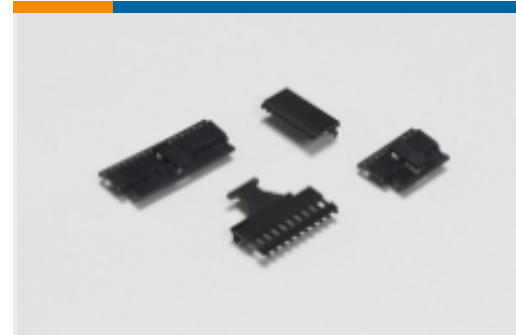
Also in the Series | Modu Connector System



Automotive Housings(2)



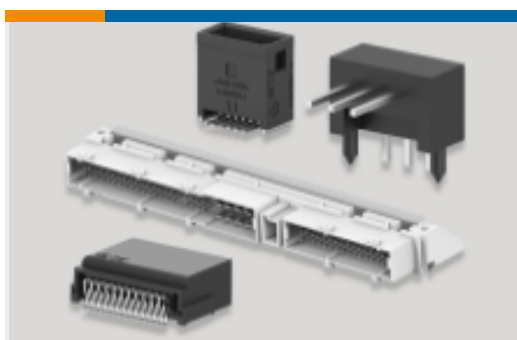
Board-to-Board Jumpers & Shunts(5)



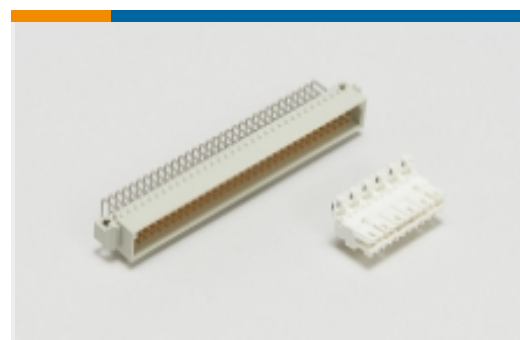
PCB Connector Covers(4)



PCB Connector Keying(4)



PCB Headers & Receptacles(1243)



Standard Edge Connectors(2)

Documents

Product Drawings

150 MODII HORZ 2PC 3R CE 100CL

English

CAD Files

Customer View Model

[ENG_CVM_534974-8_N1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_534974-8_N1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_534974-8_N1.2d_dxf.zip](#)

English

3D PDF

English



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

Datasheets & Catalog Pages

[AMPMODU Interconnection System](#)

[AMPMODU Interconnection System](#)

English