# 7-534206-5 ✔ ACTIVE

AMPMODU | Modu Connector System

TE Internal #: 7-534206-5

PCB Mount Receptacle, Vertical, Board-to-Board, 50 Position, 2.54 mm [.1 in] Centerline, Gold (Au), Through Hole - Solder, Modu Connector System

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Connectors > PCB Connectors > PCB Headers & Receptacles







PCB Connector Type: **PCB Mount Receptacle**

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

Number of Positions: **50**

Number of Rows: **2**

Centerline (Pitch): **2.54 mm [ .1 in ]**

## Features

### Product Type Features

| | |
|---|---|
| Applied Pressure | Standard |
| PCB Connector Type | PCB Mount Receptacle |
| Connector System | Board-to-Board |
| Sealable | No |
| Connector & Contact Terminates To | Printed Circuit Board |
| Connector Product Type | Connector Assembly |

### Configuration Features

| | |
|---|---|
| Stackable | Yes |
| Number of Positions | 50 |
| Number of Rows | 2 |
| PCB Mount Orientation | Vertical |
| Board-to-Board Configuration | Parallel |

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 333 VAC |

| | |
|---|---|
| Insulation Resistance | 5000 MΩ |

## Body Features

| | |
|---|---|
| Connector Profile | Standard |
| Primary Product Color | Black |

## Contact Features

| | |
|---|---|
| | 150 µin |
| Mating Square Post Dimension | .64 mm[.025 in] |
| Contact Shape & Form | Square |
| Contact Protection Type | Closed Entry Housing |
| Contact Base Material | Phosphor Bronze |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Mating Area Plating Material Thickness | .762 µm[30 µin] |
| Contact Mating Area Plating Material | Gold (Au) |
| Contact Type | Socket |
| Contact Current Rating (Max) | 2 A |

## Termination Features

| | |
|---|---|
| Rectangular Termination Post & Tail Width | .69 mm[.027 in] |
| Rectangular Termination Post & Tail Thickness | .2 mm[.008 in] |
| Termination Post & Tail Length | 2.92 mm[.115 in] |
| Termination Method to PCB | Through Hole - Solder |

## Mechanical Attachment

| | |
|---|---|
| Connector Mounting Type | Board Mount |
| Mating Alignment | Without |
| PCB Mount Alignment | Without |
| PCB Mount Retention | Without |

## Housing Features

| | |
|---|---|
| Mating Entry Location | Top |
| Centerline (Pitch) | 2.54 mm[.1 in] |
| Housing Material | Polyester GF |

## Dimensions

| | |
|---|---|
| Connector Height | 5.03 mm[.198 in] |
| Row-to-Row Spacing | 2.54 mm[.1 in] |

| | |
|---|---|
| Stack Height | 10.92 mm[.43 in] |
| PCB Thickness (Recommended) | 1.57 mm[.055 – .094 in] |

### Usage Conditions

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

### Operation/Application

| | |
|---|---|
| Solder Process Feature | Board Standoff |
| Circuit Application | Signal |

### Industry Standards

| | |
|---|---|
| Compatible With Approved Standards Products | CSA LR7189, UL E28476 |
| UL Flammability Rating | UL 94V-0 |

### Packaging Features

| | |
|---|---|
| Packaging Quantity | 9 |
| Packaging Method | Box, Tube |

## 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 2025 (250)<br>Candidate List Declared Against: JAN 2025 (247)<br>Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| 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

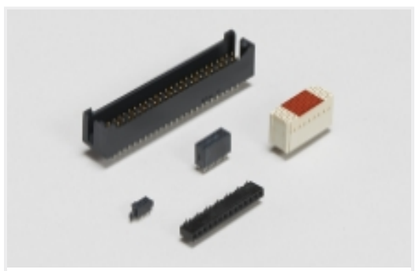
on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

## Compatible Parts

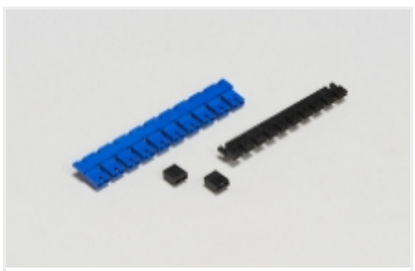


TE Part # 86286-1
KEYING PLUG

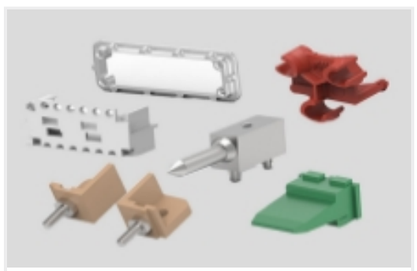
## Also in the Series | Modu Connector System



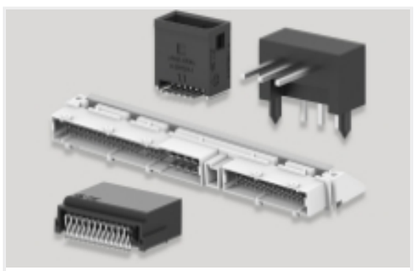
Board-to-Board Headers & Receptacles(235)



Board-to-Board Jumpers & Shunts(5)

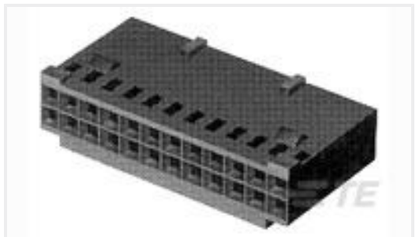


Connector Hardware(3)



PCB Headers & Receptacles(235)

## Customers Also Bought



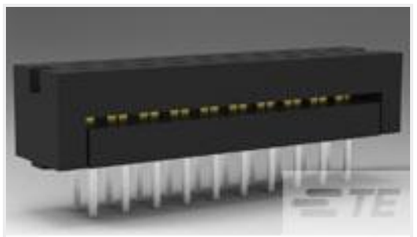
TE Part #87631-1
06 MODIV HSG COMP DR .100 POL



TE Part #6-534206-3
26 MODII VRT DR CE 100/115



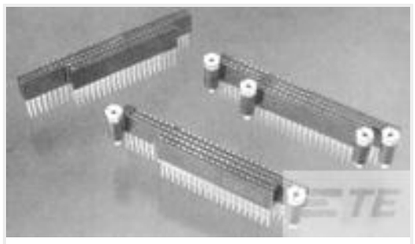
TE Part #6-534998-7
34 MODIV VRT DR CE 100/125



TE Part #1-746610-9
40 DIP PLUG, 100CL, LEAD FREE



TE Part #747840-4
09 MSFL PLUG RA 318 (IN,FM,BL)



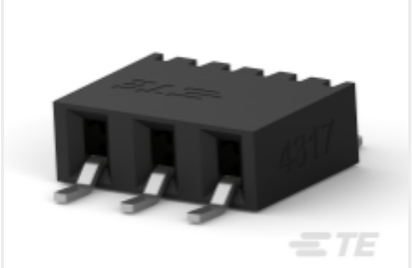
TE Part #1375963-4
PC104 CONN NONSTKTHU NO STNDOL



TE Part #2-1462038-0
IM42NS=IM RELAY 100mW 4.5V BIS



TE Part #1658620-9
40 NOVO MIL 15DP, LEAD FREE



TE Part #2307725-3
3P,2MM,B-B,REC,SRHZ,SMD,0.1AU,TR



TE Part #2307729-6
6P,2MM,B-B,REC,DRHZ,SMD,0.1AU,TR

## Documents

### Product Drawings

50 MODII VRT DR CE 100/115

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_7-534206-5_N.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_7-534206-5_N.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-534206-5_N.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

### Product Specifications

Application Specification

English