# 1-534237-3 ✔ ACTIVE

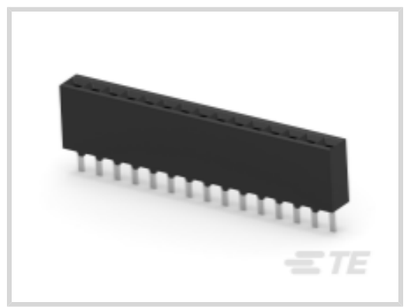
AMPMODU | AMPMODU IV/V

TE Internal #: 1-534237-3

PCB Mount Receptacle, Vertical, Board-to-Board, 15 Position, 2.54 mm [.1 in] Centerline, Gold (Au), Through Hole - Solder, Signal, Black, AMPMODU IV/V

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles







PCB Connector Type: **PCB Mount Receptacle**

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

Number of Positions: **15**

Number of Rows: **1**

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 | 15 |
| Number of Rows | 1 |
| 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 Layout | Inline |
| Contact Protection Type | Closed Entry Housing |
| Contact Base Material | Phosphor Bronze |
| PCB Contact Termination Area Plating Material | Tin-Lead |
| 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 | 3.56 mm[.14 in] |

| | |
|---|---|
| Row-to-Row Spacing | 2.54 mm[.1 in] |
| Stack Height | 10.92 mm[.43 in] |
| PCB Thickness (Recommended) | 1.4 – 2.4 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 | 15 |
| Packaging Method | Box, 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 | 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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>SVHC > Threshold:<br>Pb (13% in 4690948374)<br>**Article Safe Usage Statements:**<br>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 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

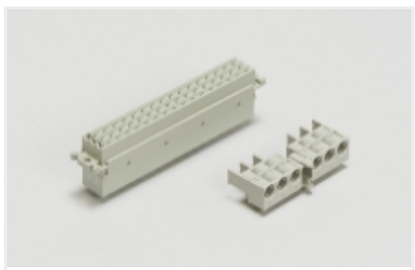
chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may 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 | AMPMODU IV/V



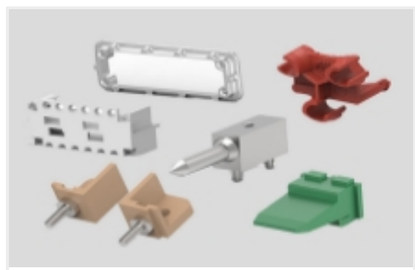
Backplane Connector Housings(1)



Connector Caps & Covers(5)



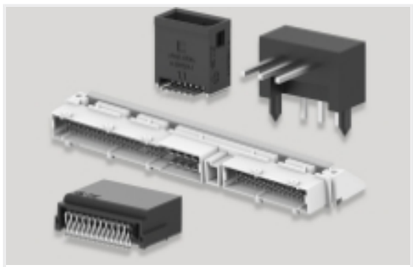
Connector Contacts(179)



Connector Hardware(8)



Insertion & Extraction Tools(4)



PCB Headers & Receptacles(125)



Power Contacts(140)

## Customers Also Bought



TE Part #ANT-5GW-IPW1-NP
Antenna Whip 5G WB Cell IP67 N Plug



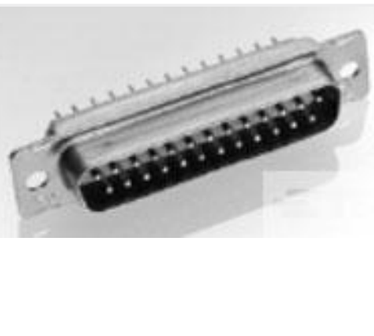
TE Part #T4151310008-001
RPC-M12-FS-8CON-PVC-0.5



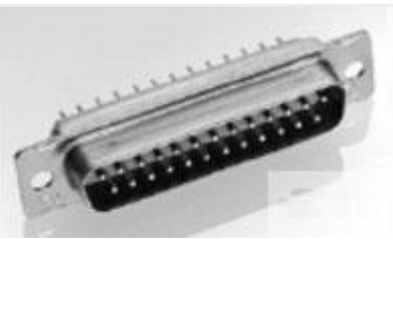
TE Part #ASX602-03PB-HE
PLUG ASSY AS SIZE 2 3 WAY



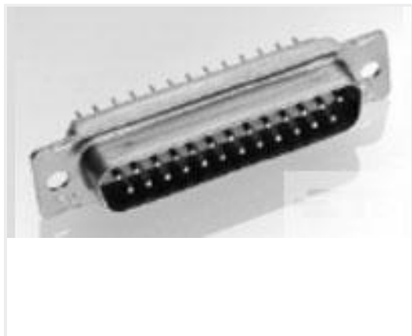
TE Part #206798-1
PLUG ASSY,15 POSN,AMPLMTE



TE Part #206799-1
RECEPT ASSY,15 POSN,AMPLIMITE



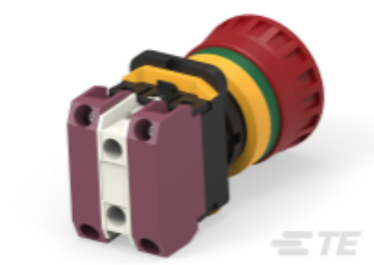
TE Part #207252-1
PLUG ASSY,SZ 1,AMPLIMITE



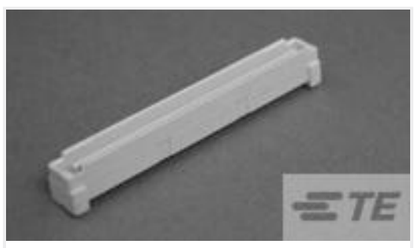
TE Part #207253-1
RECEPT ASSY,9 POSN,AMPLIMITE



TE Part #2005082-1
025 24P PLUG ASSY



TE Part #1-2416049-0
PBES22 40 NO LAMP NC NC



TE Part #7-5177986-2
0.8FH,P07H.5,060,30/Sn,TR,SC

## Documents

### Product Drawings

15 MODII VRT SR CE 100/115

English

### CAD Files

Customer View Model

ENG_CVM_CVM_1-534237-3_S.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-534237-3_S.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-534237-3_S.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