

AMPMODU Mini VP

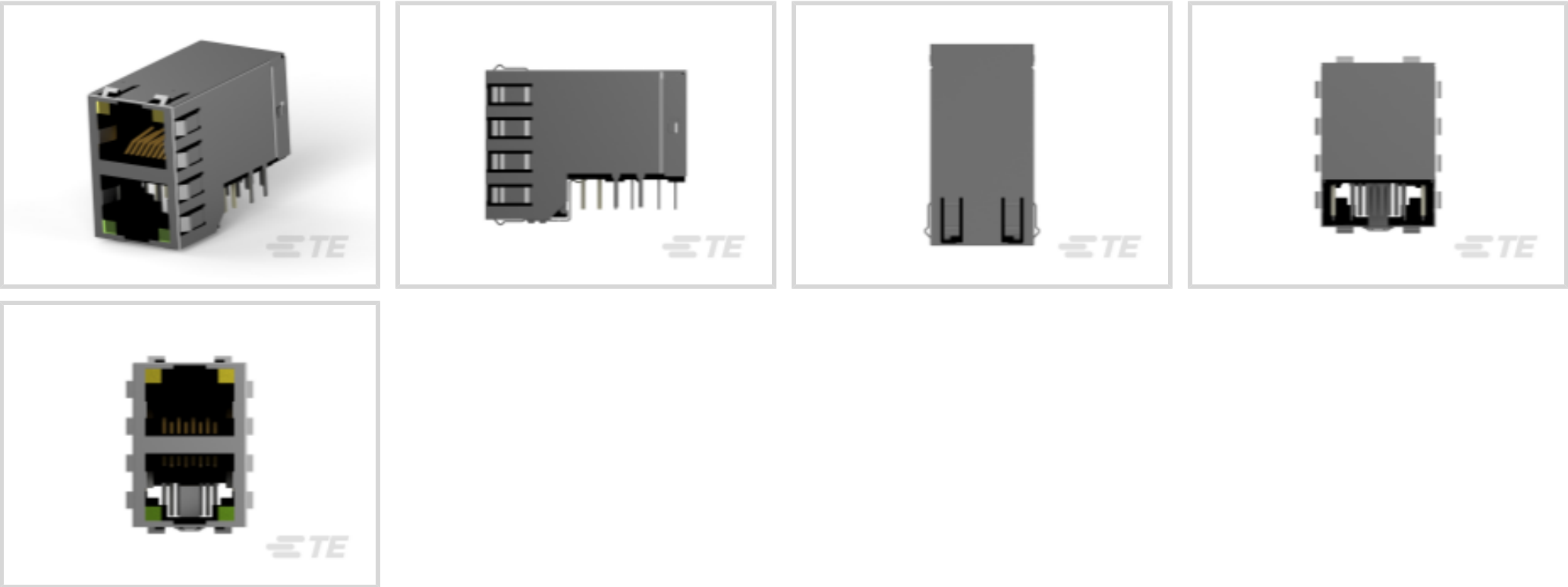
TE Internal #: 6368168-4

RJ45 Connector, Multiple Ports, 2 x 1, Jack, Shielded, Cat 5,
Inverted (Top) / Standard (Bottom), 8 Position, Standard Profile,
AMPMODU Mini VP

[View on TE.com >](#)



Connectors > Modular Jacks & Plugs > RJ45 Connectors



Modular Jack & Plug Interface Type: **RJ45**
Port Configuration: **Multiple Ports**
Port Matrix Configuration: **2 x 1**
Modular Jacks & Plugs Products: **RJ Type Jacks & Plugs**
Connector Contact Density: **Standard**

Features

Product Type Features

| | |
|------------------------------------|-----------------------|
| Ground Feature Type | Grounding Clips |
| Connector Product Type | Connector Assembly |
| Modular Jack & Plug Interface Type | RJ45 |
| Modular Jacks & Plugs Products | RJ Type Jacks & Plugs |
| Modular Connector Style | Jack |
| Grounding Options | PCB and Panel Ground |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

| | |
|-----------------------------|----------------|
| Number of PCB Ground Tabs | 4 |
| Multiple Port Configuration | Stacked |
| Port Configuration | Multiple Ports |
| Port Matrix Configuration | 2 x 1 |
| Connector Contact Density | Standard |
| Number of Positions | 8 |



| | |
|----------------------------|-------------|
| Number of Loaded Positions | 8 |
| PCB Mount Orientation | Right Angle |

Body Features

| | |
|--------------------------------|------------------------------------|
| LED Color (Bottom Left) | Green |
| LED Color (Bottom Right) | Yellow |
| Shield Plating Material | Tin over Copper |
| Shield Material | Copper Alloy |
| LED Color (Top Right) | Yellow |
| LED Color (Top Left) | Green |
| Modular Jack Latch Orientation | Inverted (Top) / Standard (Bottom) |
| Connector Profile | Standard |

Contact Features

| | |
|--|-----------------|
| Contact Underplating Material | Nickel |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Mating Area Plating Material | Gold (Au) |
| Contact Base Material | Phosphor Bronze |
| Contact Mating Area Plating Material Thickness | 1.27 µm[50 µin] |

Termination Features

| | |
|--------------------------------|--------------------------|
| Termination Method to PCB | Through Hole - Press-Fit |
| Termination Post & Tail Length | 2.25 mm[.088 in] |

Mechanical Attachment

| | |
|--------------------------|--------------------------|
| Panel Mount Feature | With |
| Panel Mount Feature Type | Panel Stops |
| Connector Mounting Type | Board Mount, Panel Mount |

Housing Features

| | |
|-----------------------|-----------------|
| Mating Entry Location | Side |
| Centerline (Pitch) | 1.02 mm[.04 in] |
| Housing Color | Black |
| Housing Material | PBT Polyester |

Dimensions

| | |
|-----------------------------|-------------------|
| PCB Thickness (Recommended) | 1.57 mm[.062 in] |
| Connector Height | 22.99 mm[.905 in] |



Usage Conditions

| | |
|-----------------------------|---------------------------|
| Operating Temperature Range | -30 – 70 °C[-22 – 158 °F] |
|-----------------------------|---------------------------|

Operation/Application

| | |
|---------------------|--------|
| Indicator Type | LED |
| Shielded | Yes |
| Circuit Application | Signal |

Industry Standards

| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
| Performance Category | Cat 5 |

Packaging Features

| | |
|--------------------|------|
| Packaging Quantity | 45 |
| Packaging Method | Tray |

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Not applicable for solder process capability |

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 # 188729-1
8P.COVER/SOLD.STOP

TE Part # 1521003-2
CAT 5E CABLE ASSY, 8 POS RJ45

Also in the Series | AMPMODU Mini VP

Automotive Headers(1)

Board-In Connectors(2)

PCB Headers & Receptacles(1)

RJ45 Connectors(1)

Wire-to-Board Headers & Receptacles (1)

Customers Also Bought


TE Part #2-2232980-3
03P MTA100 HDR ASSY SM 30AU W RR

TE Part #2334532-7
MBPLUS R/A HEADER 4P + 40S

TE Part #1551920-4
zQSFP+ connector assembly

TE Part #3-1827233-6
.5FHP05H,440,B,GIG,08/Sn,HT,NS





TE Part #2170806-8
CAGE ASSEMBLY, 1X2, QSFP28, SPRING, HS

TE Part #2159965-1
CA, 2POS ET TO RING TONGUE

TE Part #2379622-1
CA, ET HAR001007

TE Part #2291672-4
SFP+ 1X1 CAGE ASSEMBLY, PRESS-FIT, 1PORT

TE Part #1735703-3
0.8FH,P08H.5,080,15/Sn,TR,SC

TE Part #2396486-7
#4 RAPID LOCK PIN, LOCKING GROOVE, SM

Documents

Product Drawings
2X1 OFFSET MJ,LED(G/Y,G/Y)12PN
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_6368168-4_H.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_6368168-4_H.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_6368168-4_H.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
Application Specification
English

Agency Approvals
UL Report
English

6368168-4

RJ45 Connector, Multiple Ports, 2 x 1, Jack, Shielded, Cat 5, Inverted (Top) / Standard (Bottom), 8 Position, Standard Profile, AMPMODU Mini VP

