

2355182-6 ✓ ACTIVE

AMPMODU | AMPMODU 2 mm

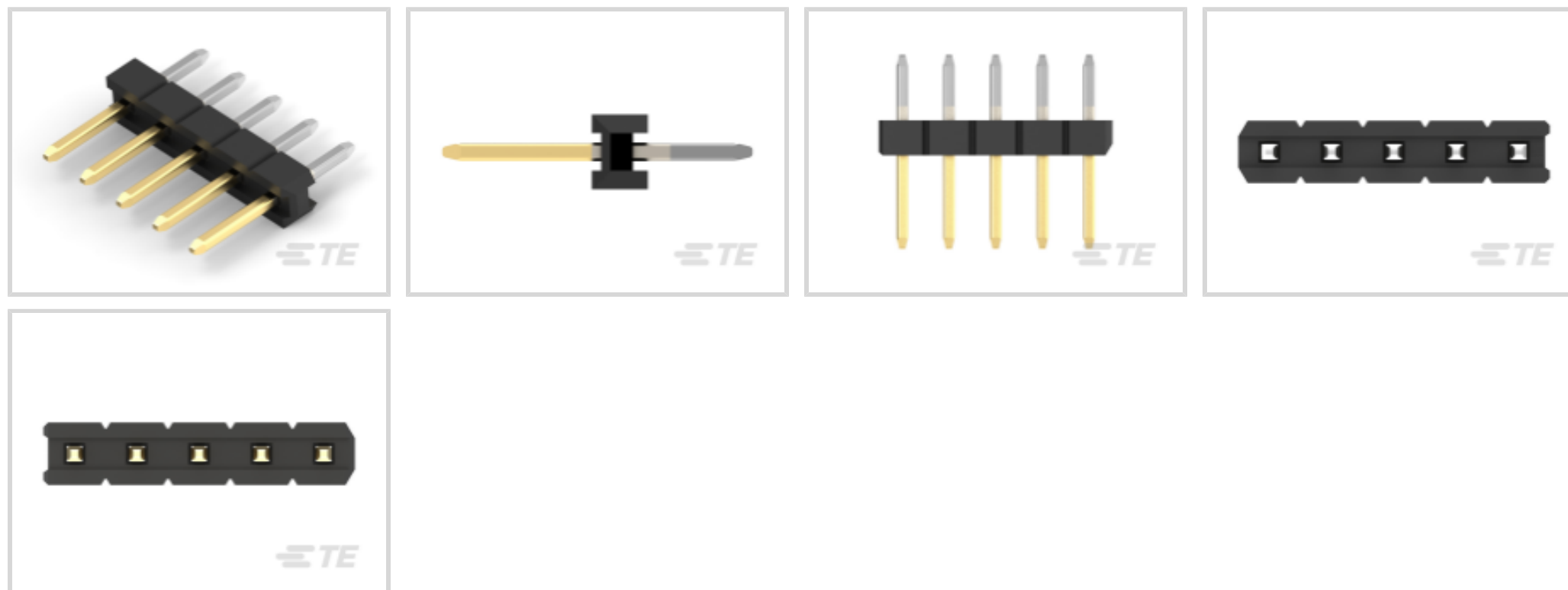
TE Internal #: 2355182-6

PCB Mount Header, Vertical, Board-to-Board, 6 Position, 2 mm [.079 in] Centerline, Breakaway, Gold, Through Hole - Solder, Signal, Black, AMPMODU 2 mm

[View on TE.com >](#)



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: **6**

Number of Rows: **1**

Features

Product Type Features

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

Configuration Features

| | |
|-----------------------|----------|
| Stackable | No |
| PCB Mount Orientation | Vertical |
| Number of Positions | 6 |
| Number of Rows | 1 |

Electrical Characteristics

| | |
|---------------------------------------|---------|
| Dielectric Withstanding Voltage (Max) | 500 VAC |
| Operating Voltage | 125 VAC |

Body Features

| | |
|-------------------|----------|
| Connector Profile | Standard |
|-------------------|----------|



| | |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

Contact Features

| | |
|---|-----------------------------|
| Contact Mating Area Length | 4 mm[.157 in] |
| Mating Square Post Dimension | .5 mm[.02 in] |
| PCB Contact Termination Area Plating Material Thickness | 2 μ m[78.74 μ in] |
| Contact Layout | Inline |
| Contact Underplating Material Thickness | .5 μ m[19.69 μ in] |
| PCB Contact Termination Area Plating Material Finish | Bright |
| Contact Shape & Form | Square |
| Contact Underplating Material | Nickel |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Base Material | Brass |
| Contact Mating Area Plating Material | Gold |
| Contact Mating Area Plating Material Thickness | .76 μ m[29.92 μ in] |
| Contact Type | Pin |
| Contact Current Rating (Max) | 2 A |

Termination Features

| | |
|---|-----------------------|
| Square Termination Post & Tail Dimension | .5 mm[.02 in] |
| Termination Post & Tail Length | 2.8 mm[.11 in] |
| Termination Method to Printed Circuit Board | Through Hole - Solder |

Housing Features

| | |
|--------------------|---------------|
| Centerline (Pitch) | 2 mm[.079 in] |
| Housing Material | PA9T GF |

Dimensions

| | |
|-----------------------------|-----------------|
| Connector Length | 12 mm[.472 in] |
| Connector Width | 2 mm[.079 in] |
| PCB Thickness (Recommended) | 1.6 mm[.063 in] |

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Housing Temperature Rating | High |
| Operating Temperature Range | -40 – 125 °C[-40 – 257 °F] |

Operation/Application

| | |
|--------------------------|------------------------------|
| Assembly Process Feature | Without Pick and Place Cover |
|--------------------------|------------------------------|



Circuit Application

Signal

Industry Standards

UL Rating

Recognized

Agency/Standard

UL

Approved Standards

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

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 2023 (235)
 Candidate List Declared Against: JUNE 2023 (235)
 Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

Solder Process Capability

Reflow solder capable to 260°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 # 2307727-6
6P,2MM,B-B,REC,SRHZ,SMD,0.76AU



TE Part # 2314930-6
6P,2MM,B-B,REC,SRHZ,2.1,0.76AU,TB



TE Part # 2307815-6
6P,2MM,BB,REC,SRVT,SMD,AU.76,TR,W/CP



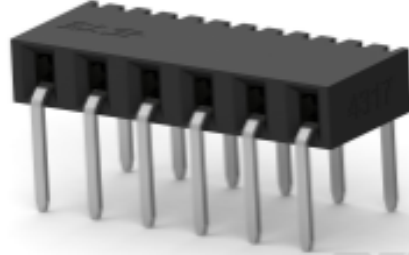
TE Part # 2314870-6
6P,2MM,BB,REC,SRVT,2.0,0.76AU,TB,W/CP




TE Part # 2316102-6
6P,2MM,REC,HSG,SR,CRIMP,PLAIN,BOX




TE Part # 2314946-6
6P,2MM,B-B,REC,SRHZ,SMD,0.76AU,TB




TE Part # 2307709-6
6P,2MM,B-B,REC,SRHZ,2.1,0.76AU,TR



TE Part # 2307710-6
6P,2MM,B-B,REC,SRHZ,2.8,0.76AU,TB



TE Part # 2314938-6
6P,2MM,B-B,REC,SRHZ,2.8,0.76AU,TR



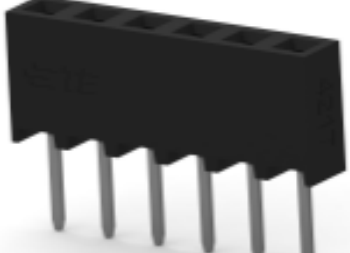
TE Part # 2307711-6
6P,2MM,B-B,REC,SRHZ,3.4,0.76AU,TUBE



TE Part # 2314850-6
6P,2MM,BB,REC,SRVT,SMD,AU.76,TB,W/CP



TE Part # 2307773-6
6P,2MM,BB,REC,SRVT,2.0,0.76AU,TR,W/CP



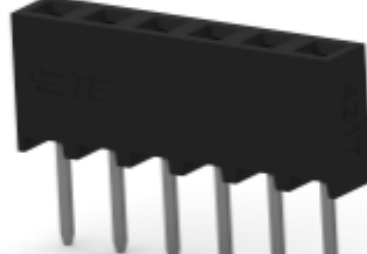
TE Part # 2314878-6
6P,2MM,B-B,REC,SRVT,2.7,0.76AU,TB



TE Part # 2314882-6
6P,2MM,BB,REC,SRVT,2.7,0.76AU,TB,W/CP



TE Part # 2307774-6
6P,2MM,BB,REC,SRVT,2.7,0.76AU,TR,W/CP



TE Part # 2307775-6
6P,2MM,B-B,REC,SRVT,3.2,0.76AU,TUBE



TE Part # 2314902-6
6P,2MM,REC,SRVT,OTR,2.3,0.76AU,TB,W/CP



TE Part # 2307841-6
6P,2MM,REC,SRVT,OTR,2.3,0.76AU,TR,W/CP



TE Part # 2314910-6
6P,2MM,B-B,REC,SRVT,OTR,2.8,0.76AU,TB



TE Part # 2314914-6
6P,2MM,REC,SRVT,OTR,2.8,0.76AU,TB,W/CP

Also in the Series | **AMPMODU 2 mm**



PCB Headers & Receptacles(8492)



Wire-to-Board Connector Assemblies & Housings(202)



Wire-to-Board Connector Contacts(27)

Customers Also Bought



TE Part #3-2176057-6
RLP73K 3A R30 1% 1K RL



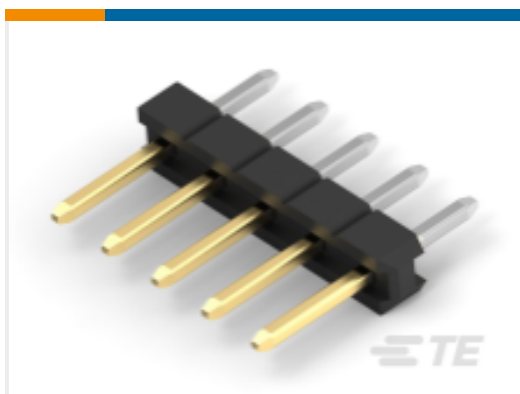
TE Part #2008571-2
2 POS MICRO MNL, TOP LATCH, BL



TE Part #2355182-8
8P,2MM,BRK HDR,SRVT,2.8,0.76AU,TB



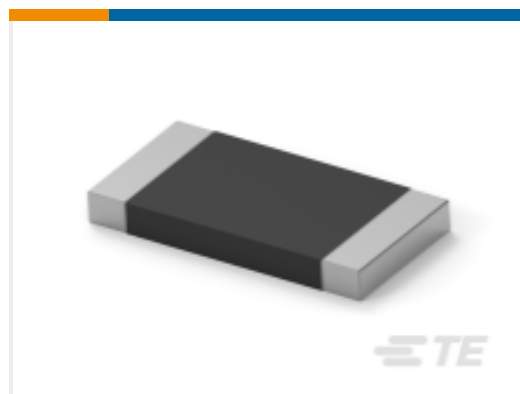
TE Part #DT06-2S-EP04
PLG, 2P, GRY, N, CAP



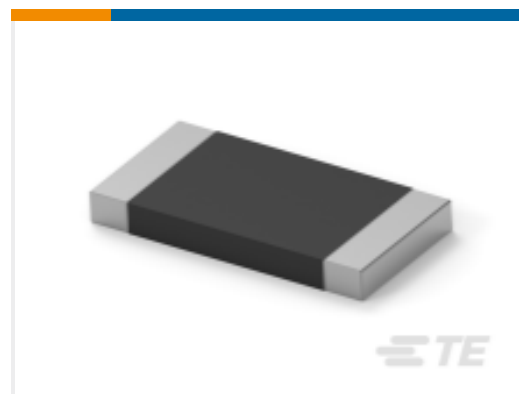
TE Part #2355182-5
5P,2MM,BRK HDR,SRVT,2.8,0.76AU,TB



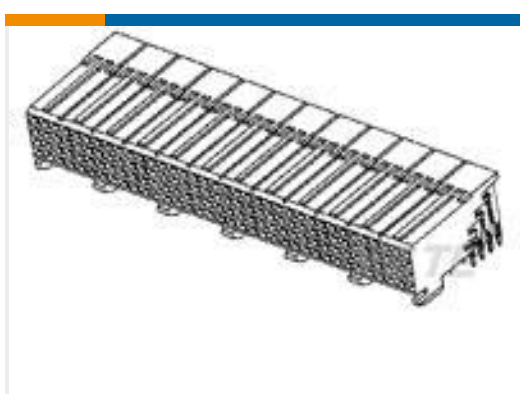
TE Part #354000-E
MICROS STV 54 407 188 9999 0007 J 3 3540



TE Part #4-2176422-4
TLRP 2512 3.0W R150 1% 25PPM 4K RL



TE Part #5-2176422-4
TLRP 2512 3.0W R010 1% 50PPM 4K RL



TE Part #5536511-2
2MM FB,ASY,048,SIG,REC,EN,3.55



TE Part #04-1208-0128
MT2A-30E-33-10K-M1A

Documents

Product Drawings

[6P,2MM,BRK HDR,SRVT,2.8,0.76AU,TB](#)

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_2355182-6_A.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_2355182-6_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2355182-6_A.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English