

# 02 MTE HDR SRST LATCH W/HLDWN ✓ ACTIVE

AMPMODU | AMPMODU MTE

TE Part # 5-104362-1

TE Internal #: 5-104362-1

[View on TE.com >](#)



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

Number of Positions: **2**

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

Termination Method to Printed Circuit Board: **Through Hole (SMT Compatible)**

## Features

### Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Header Type	Shrouded
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	2
Number of Rows	1

### Electrical Characteristics

Dielectric Withstanding Voltage	600 V
Termination Resistance	15 mΩ
Insulation Resistance	5000 MΩ

### Contact Features

PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 μm[100 – 200 μin]
Mating Post Length	5.84 mm[.23 in]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Shape	Square
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Brass
Contact Mating Area Plating Material	Gold



15 µin

Contact Type

Pin

Contact Current Rating (Max)

3 A

### Termination Features

Termination Post &amp; Tail Length

3.3 mm[.13 in]

Termination Method to Wire &amp; Cable

Crimp, Insulation Displacement Crimp (IDC)

Termination Method to Printed Circuit Board

Through Hole (SMT Compatible)

### Mechanical Attachment

Strain Relief

Without

Mating Retention Type

Hold-Down

Mating Alignment Type

Latched

Mating Alignment

With

Contact Retention Type

Locking Lance

PCB Mount Retention Type

Hold-Down

PCB Mount Alignment

Without

Mating Retention

With

PCB Mount Retention

With

Contact Retention

With

### Housing Features

Centerline (Pitch)

2.54 mm[.1 in]

Housing Color

Black

Housing Material

Thermoplastic

### Dimensions

Connector Length

7.62 mm[.3 in]

Connector Height

13.59 mm[.535 in]

PCB Thickness (Recommended)

1.58 mm[.062 in]

Row-to-Row Spacing

2.54 mm[.1 in]

### Usage Conditions

Temperature Rating

High

Operating Temperature Range

-65 – 105 °C

### Industry Standards

Approved Standards

CSA LR7189, UL E28476



UL Flammability Rating

UL 94V-0

### Packaging Features

Packaging Quantity

70

Packaging Method

Tube, Tube/Box

### Other

Comment

Use Keying Tool No. 91417-1 to remove post for keying.

## Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 2019 (197)  
Candidate List Declared Against: JAN 2019 (197)

Halogen Content

Not Low Halogen - contains Br or Cl &gt; 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Compatible Parts



TE Part # 5-103957-1  
10X2 MTE RCPT SR  
LATCH .100CL



TE Part # 5-103972-1  
10X2 MTE RCPT SR  
RIBBED .100CL



TE Part # 5-103969-1  
10X2 MTE RCPT SR  
RIBBED .100CL



TE Part # 5-103960-1  
10X2 MTE RCPT SR  
LATCH .100CL

Also in the Series | **AMPMODU MTE**



Multiple Configuration  
PCB Headers &  
Receptacles(7)



PCB Connector Shrouds  
(40)



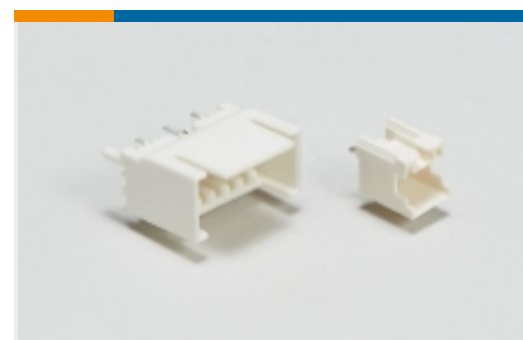
Ribbon Connector  
Accessories(1)



Wire-to-Board Connector  
Contacts(32)

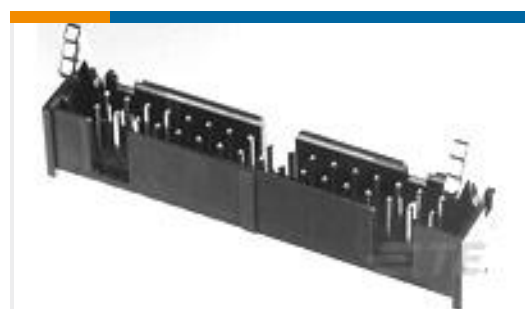


Wire-to-Board Connector  
Housings(594)



Wire-to-Board Headers &  
Receptacles(730)

Customers Also Bought



TE Part #1761606-3  
IDC LOW PRO HDR 10P  
VERT LG LAT BLK



TE Part #5747845-4  
15 MSFL RCPT RA 318 (IN,  
FM,BL)



TE Part #2-5747706-0  
09 RCPT SP/FMS BRDLK



TE Part #5-104362-3  
04 MTE HDR SRST LATCH  
W/HLDWN



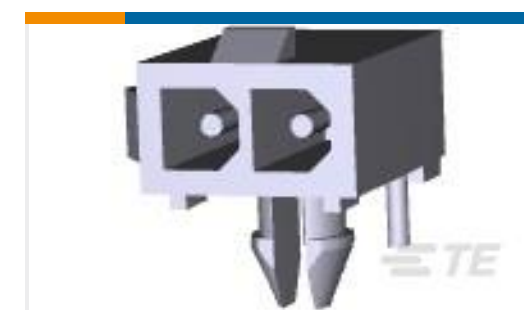
TE Part #1-770170-1  
03P MINI UMNL ASSY VO  
SNAU LF



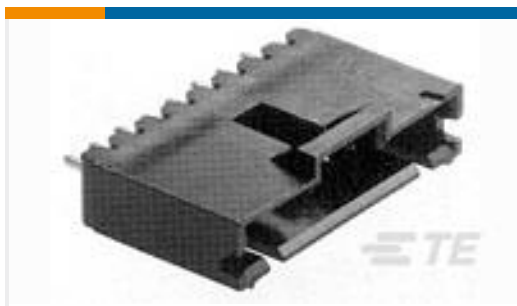
TE Part #1-770166-1  
02P MINI UMNL ASSY VO  
SNAU LF



TE Part #390088-2  
BLACK HSG WITH 15AU  
CONTACT



TE Part #1-770966-1  
02P MINI UMNL R/A HDR  
ASSY AU



TE Part #5-104362-2  
03 MTE HDR SRST LATCH  
W/HLDWN



TE Part #5-104362-4  
05 MTE HDR SRST LATCH  
W/HLDWN

## Documents

### Product Drawings

02 MTE HDR SRST LATCH W/HLDWN

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_5-104362-1\\_W.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5-104362-1\\_W.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5-104362-1\\_W.3d\\_stp.zip](#)

English

### Datasheets & Catalog Pages

[AMPMODU\\_INTERCONNECTION\\_SYSTEM\\_SECTION5\\_CONT](#)

English

[AMP MODU MTE Section of Catalog 1307819](#)

English

[AMPMODU MTE INTERCONNECT SYSTEM](#)

English

### Product Specifications

[Application Specification](#)

English

### Product Environmental Compliance

[TE Material Declaration](#)

English

### Agency Approvals

[UL Report](#)

English

