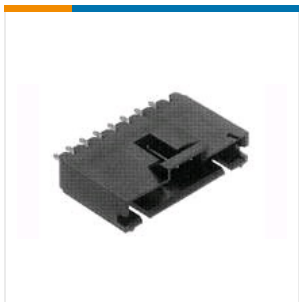




CONNECTORS

HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

06 MTE HDR SRST LATCH .100CL

[AMPMODU](#) | [AMPMODU MTE](#)

103638-5

TE Internal Number: 103638-5
Alias ID: 407161199

Not EU RoHS or ELV Compliant

[Find Compliant Alternatives](#)

Centerline **2.54 mm [.1 in]**

Number of Positions **6**

PCB Mounting Orientation **Vertical**

PCB Mounting Style **Through Hole**

Number of Rows **1**



Product Drawings

[HDR ASSY, VERT, SINGLE ROW 2.54\[.100\] CL, 0.64\[.025\] SQ POST, WITH PLZN & LATCHING, AMPMODU MTE](#)

PDF
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[3D PDF](#)

PDF
English

Catalog Pages/Data Sheets

[AMPMODU_MTE_INTERCONNECT_SYSTEM_QRG_4-1773458-0](#)

PDF
English

Product Specifications

Application Specification

[AMPMODU MTE Interconnection System](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[06 MTE HDR SRST LATCH .100CL](#)

PDF
English

Instruction Sheets

Instruction Sheet (U.S.)

[AMPMODU MTE CONNECTORS](#)

PDF
English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

| | | |
|-----------------------|--------------------------|------------------------------|
| Product Type Features | PCB Mounting Orientation | Vertical |
| | Product Type | Connector |
| | Row-to-Row Spacing | 2.54 mm [.1 in] |
| | Connector Type | Header |
| | Strain Relief | Without |
| | Connector Style | Plug |
| | PCB Orientation Feature | No |
| | Applies To | Printed Circuit Board |

| | | |
|------------------------|-----------------------------|----------------|
| Configuration Features | Number of Positions | 6 |
| | Number of Rows | 1 |
| | Backwall/Post Interruptions | Without |

| | | |
|----------------------------|---------------------------------|----------------------------------|
| Electrical Characteristics | Dielectric Withstanding Voltage | 600 V |
| | Termination Resistance | 15 MΩ |
| | Insulation Resistance | 5000 MΩ |

| | | |
|---------------|-------------|-----------------|
| Body Features | Header Type | Shrouded |
|---------------|-------------|-----------------|

| | | |
|------------------|---|--|
| Contact Features | Contact Mating Area Plating Material | Gold |
| | Contact Mating Area Plating Thickness (μ in) | 15 |
| | Contact Type | Pin |
| | Solder Tail Contact Plating Material | Tin-Lead |
| | Contact Termination Area Plating Thickness | 2.54 μm [100 μin] |

| | |
|--|--|
| Tail Plating Thickness | 2.54 μm [100 μin] |
| Contact Current Rating (A) | 3 |
| Contact Shape | Square |
| Tail Plating Material | Tin-Lead |
| Contact Termination Area Plating Material | Tin-Lead |
| Contact Termination Area Plating Material Finish | Matte |
| Contact Base Material | Brass |

| | | |
|----------------------|----------------------------------|---|
| Termination Features | Termination Method to Wire/Cable | Crimp, Insulation Displacement Crimp (IDC) |
|----------------------|----------------------------------|---|

| | | |
|-----------------------|--------------------------|----------------------|
| Mechanical Attachment | PCB Mounting Style | Through Hole |
| | PCB Mount Alignment | Without |
| | Mating Retention | With |
| | PCB Mount Retention | Without |
| | PCB Mount Retention Type | Hold-Down |
| | Contact Retention | With |
| | Mating Alignment Type | Latched |
| | Contact Retention Type | Locking Lance |
| | Mating Alignment | With |
| Mating Retention Type | Polarized Lock | |

| | | |
|------------------|------------------|--------------------------|
| Housing Features | Centerline | 2.54 mm [.1 in] |
| | Housing Color | Black |
| | Housing Material | Thermoplastic |

| | | |
|------------|--------------------|-----------------------------|
| Dimensions | Tail Length | 3.3 mm [.13 in] |
| | Mating Post Length | 5.84 mm [.23 in] |
| | Length | 17.78 mm [.7 in] |
| | Height | 13.59 mm [.535 in] |

| | | |
|------------------|----------------------------------|------------------|
| Usage Conditions | Operating Temperature Range (°C) | -65 – 105 |
|------------------|----------------------------------|------------------|

| | | |
|-----------------------|----------------------|------------------------------------|
| Operation/Application | For Use With | Receptacle Housing Assembly |
| | Pick and Place Cover | Without |

| | | |
|--------------------|------------------------|------------------------------|
| Industry Standards | UL Flammability Rating | UL 94V-0 |
| | Approved Standards | CSA LR7189, UL E28476 |

| | | |
|--------------------|--------------------|-----------------------|
| Packaging Features | Packaging Method | Tube, Tube/Box |
| | Packaging Quantity | 30 |

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

Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

