



HEADERS & RECEPTACLES



TE CONNECTIVITY (TE) 02 MTE HDR SRRA SMT.100CL AMP | AMPMODU MTE

147324-1
TE Internal Number: 147324-1

Not EU RoHS or ELV Compliant
[Find Compliant Alternatives](#)

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

Number of Positions **2**

PCB Mounting Orientation **Right Angle**

PCB Mounting Style **Surface Mount**

Number of Rows **1**

✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

Product Drawings

[HEADER ASSEMBLY, LATCHING, RIGHT ANGLE SURFACE MOUNT, MTE, AMPMODU](#)

PDF
English

CAD Files

[Customer View Model](#)

3D_STP.ZIP
English

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[3D PDF](#)

PDF
English

Catalog Pages/Data Sheets

[AMPMODU_MTE_INTERCONNECT_SYSTEM_QRG_4-1773458-0](#)

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 | Right Angle |
| 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 | 2 |
| | 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 | Tin-Lead |
| | Contact Mating Area Plating Thickness | 2.54 – 5.08 μm [100 – 200 μin] |
| | Contact Type | Pin |
| | Solder Tail Contact Plating Material | Tin-Lead |
| | Contact Termination Area Plating Thickness | 2.54 – 5.08 μm [100 – 200 μin] |
| | Tail Plating Thickness | 2.54 – 5.08 μm [100 – 200 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 | Bright |
| | Contact Base Material | Brass |
| Termination Features | Termination Method to Wire/Cable | Crimp, Insulation Displacement Crimp (IDC) |
| Mechanical Attachment | PCB Mounting Style | Surface Mount |
| | PCB Mount Alignment | Without |
| | Mating Retention | With |
| | PCB Mount Retention | With |
| | Panel Mount Retention | Without |
| | Mating Alignment Type | Latched |
| | 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

3.05 mm [.12 in]

Mating Post Length

5.84 mm [.23 in]

Length

10.16 mm [.4 in]

Height

13.59 mm [.535 in]

Usage Conditions

Temperature Rating

High

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

Tape & Reel

Packaging Quantity

300

Other

Comment

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

Product Compliance

[Statement of Compliance](#)
PDF[VIEW ALL PRODUCT COMPLIANCE](#)