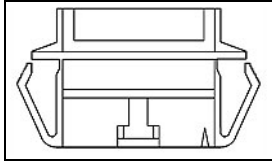


## 1-103682-5 Product Details



**1-103682-5**

TE Internal Number: 1-103682-5

 Active

 [View 3D PDF](#)

### .100 AMPMODU Headers, Housings & Contacts

 Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- Accessory
- Accessory Type = Shroud
- 2.54 mm Centerline
- Row-to-Row Spacing = 2.54 mm
- 16 Positions

### Documentation & Additional Information

#### Product Drawings:

- [SHROUD, PIN, PANEL MOUNT, AMPMODII MTE, SINGLE ROW, ...](#) (PDF, English)

#### Catalog Pages/Data Sheets:

- [AMP MODU MTE Section of Catalog 1307819](#) (PDF, English)
- [AMPMODU\\_INTERCONNECTION\\_SYSTEM\\_SECTION5\\_CONT](#) (PDF, English)
- [AMPMODU\\_MTE\\_INTERCONNECT\\_SYSTEM\\_QRG\\_4-1773458-0](#) (PDF, English)

#### Product Specifications:

- None Available

#### Application Specifications:

- None Available

#### Instruction Sheets:

- [AMP\\* AMPMODU\\* MTE CONNECTORS](#) (PDF, English)

#### CAD Files: (CAD Format & Compression Information)

- [2D Drawing](#) (DXF, Version N)
- [3D Model](#) (IGES, Version N)
- [3D Model](#) (STEP, Version N)

#### Additional Information:

- [Product Line Information](#)

#### Related Products:

- [Tooling](#)

### Product Features (Please use the Product Drawing for all design activity)

#### Product Type Features:

- Product Type = Accessory
- Accessory Type = Shroud
- Termination Method to Wire/Cable = Crimp, Insulation Displacement Crimp (IDC)
- Connector Series = MTE

#### Mechanical Attachment:

- Shroud Type = Panel Mount

#### Electrical Characteristics:

- Contact - Rated Current (A) = 3
- Termination Resistance (mΩ) = 15
- Insulation Resistance (MΩ) = 5,000
- Dielectric Withstanding Voltage (V) = 600

#### Body Features:

- Row-to-Row Spacing (mm [in]) = 2.54 [0.100]

#### Housing Features:

- Centerline (mm [in]) = 2.54 [0.100]
- Mating Alignment = With
- Mating Alignment Type = Latched
- UL Flammability Rating = UL 94V-0
- Housing Material = Thermoplastic - GF

#### Configuration Features:

- Number of Positions = 16
- Number of Rows = 1

#### Industry Standards:

- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant
- Approved Standards = UL E28476, CSA LR7189

#### Environmental:

- Operating Temperature (°C) = -65 - +105

#### Other:

- Brand = AMP
- Comment = Insert Pin Receptacle Assembly w/Guide Ribs (only) into shroud.