CONNECTORS

# MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES

Active

**PRODUCT DRAWING**
English

**3D PDF**

**TE CONNECTIVITY (TE)**

## 12 MODII HDR DRST SHRD .100CL

AMPMODU | AMPMODU Headers

5-87589-2
TE Internal Number: 5-87589-2

Always EU RoHS/ELV Compliant

Applies To **Printed Circuit Board**

Connector Style **Plug**

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

Number of Positions **12**

Header Type **Shrouded**

| | |
|---|---|
| Product Drawings | HEADER ASEMBLY MOD II, .100 C/L .025 SQUARE POST, WITH DETENT<br>PDF<br>**English** |
| CAD Files | 3D PDF<br>PDF<br>**English**<br><br>Customer View Model<br>3D_IGS.ZIP<br>**English**<br><br>Customer View Model<br>3D_STP.ZIP<br>**English**<br><br>Customer View Model<br>2D_DXF.ZIP<br>**English** |
| Catalog Pages/Data Sheets | AMPMODU_INTERCONNECTION_SYSTEM_SECTION5<br>PDF<br>**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 | | |
|---|---|---|
| | Applies To | **Printed Circuit Board** |
| | Connector Style | **Plug** |
| | PCB Mounting Orientation | **Vertical** |
| | Connector Type | **Header** |
| | Row-to-Row Spacing | **2.54 mm [ .1 in ]** |

| | | |
|---|---|---|
| | Stabilizers | **Without** |
| | Strain Relief | **Without** |
| | Board Standoff | **Without** |
| | Profile | **Standard** |
| | Product Type | **Connector** |
| | Gasket | **Without** |
| Configuration Features | Number of Positions | **12** |
| | Number of Rows | **2** |
| | Keyed | **No** |
| | Selectively Loaded | **No** |
| Electrical Characteristics | Dielectric Withstanding Voltage | **750 Vrms** |
| Body Features | Header Type | **Shrouded** |
| | Post Size | **.64 mm [ .025 in ]** |
| Contact Features | Contact Protection | **With** |
| | Contact Shape | **Square** |
| | Contact Type | **Pin** |
| | Contact Mating Area Plating Material Finish | **Matte** |
| | Contact Base Material | **Phosphor Bronze** |
| | Contact Mating Area Plating Thickness (µin) | **100 – 200** |
| | Solder Tail Contact Plating Material | **Tin over Nickel** |
| | Contact Mating Area Plating Material | **Tin** |
| | Contact Protection Type | **Shrouded** |
| | Contact Current Rating (A) | **3** |
| Termination Features | Termination Post Length | **3.18 mm [ .125 in ]** |
| | Termination End Plating Thickness (µin) | **100 – 200** |
| | Termination End Plating Material | **Tin Over Nickel** |
| | Termination Method to PC Board | **Through Hole** |
| Mechanical Attachment | PCB Mounting Style | **Through Hole** |
| | PCB Mount Retention | **Without** |
| | Mating Connector Lock Type | **Detent Windows** |

| | | |
|---|---|---|
| | Panel Mount Retention | **Without** |
| | Mating Alignment | **With** |
| | Mating Connector Lock | **With** |
| | Mating Alignment Type | **Polarization** |
| Housing Features | Centerline | **2.54 mm [ .1 in ]** |
| | Housing Color | **Black** |
| | Housing Material | **Nylon-GF** |
| | Housing Style | **4-Sided** |
| Dimensions | Shrouded End Dimension | **1.68 mm [ .066 in ]** |
| | PCB Thickness (Recommended) | **1.397 mm [ .055 in ]** |
| | Mating Post Length | **8.08 mm [ .318 in ]** |
| Usage Conditions | Operating Temperature Range (°C) | **-65 – 105** |
| | High Temperature Housing | **No** |
| Operation/Application | High Speed Serial Data Connector | **No** |
| Industry Standards | UL Flammability Rating | **UL 94V-0** |
| | Approved Standards | **CSA LR7189, UL E28476** |
| Packaging Features | Packaging Quantity | **272** |
| | Packaging Method | **Tray** |
| Product Compliance | Statement of Compliance<br>PDF | |

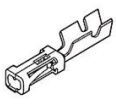
VIEW ALL PRODUCT COMPLIANCE

## CUSTOMERS ALSO BOUGHT

WIRE-TO-BOARD CONNECTOR HOUSINGS

12 MODIV HSG COMP DR .100 POL
87631-7

WIRE-TO-BOARD CONNECTOR CONTACTS



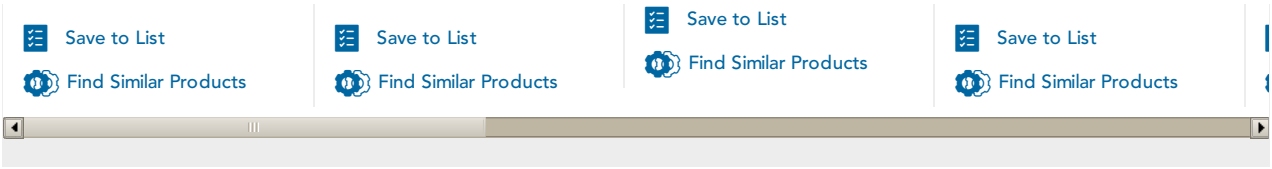
MOD V RECP PLTD SN
87809-2

EUROCARD CONNECTORS

048 EURO TYPE C PIN ST ASSY
650478-5

MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES

08 MODII HDR DRST SHRD .100CL
8-87589-5


Save to List
Find Similar Products
Save to List
Find Similar Products
Save to List
Find Similar Products
Save to List
Find Similar Products