



## General Information

|                          |                                                                                                                                    |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| <b>Kit Part Number:</b>  | <a href="#">2110830-2</a>                                                                                                          |
| <b>Description:</b>      | Shrouded and Un-shrouded, Through Hole Vertical Header and Crimp Receptacle Housing Kit                                            |
| <b>Application:</b>      | Bar Code Scanners, Estimating / Measurement Devices, Instrumentation and Controls, Medical Equipment, Servers / Computers, Vending |
| <b>Family:</b>           | AMPMODU System 50                                                                                                                  |
| <b>TE Brand:</b>         | AMP Products                                                                                                                       |
| <b>Solution:</b>         | Off the Board                                                                                                                      |
| <b>Product Type:</b>     | Wire-to-Board Connectors                                                                                                           |
| <b>Number of Pieces:</b> | 124                                                                                                                                |
| <b>RoHS:</b>             | Yes                                                                                                                                |

## Specifications

|                             |                  |
|-----------------------------|------------------|
| <b>Circuit Size(s):</b>     | 4, 8, 10, 20     |
| <b>Current Rating:</b>      | 1.5A             |
| <b>Flammability Rating:</b> | UL94V-0          |
| <b>Mounting Style:</b>      | Through Hole     |
| <b>Orientation:</b>         | Vertical Headers |
| <b>Pitch:</b>               | 1.27mm (.050")   |
| <b>Rows:</b>                | Single Row       |
| <b>Tool Included:</b>       | No               |
| <b>Voltage Rating:</b>      | 30V              |
| <b>Wire Gauge (AWG):</b>    | 26-22            |

## Product Highlights

AMPMODU System 50 connector family includes a wide variety of high density board-to-board (through hole and surface mount) and cable-to-board connectors. AMPMODU System 50 is composed of one- and two-row receptacles and post headers on .050" x .100" [1.27mm x 2.54mm] spacing between contacts for extreme density and efficient use of printed circuit board area.

### Features and Benefits

- High density contacts spaced on .050" x .100" [1.27mm x 2.54mm] centers
- Single row; select sizes 4-50 positions
- Dual row; select sizes 10-100 positions
- High temperature tolerant thermoplastic housings
- Shrouded and unshrouded headers available in single and dual row, vertical and right angle configurations

### Applications

- Medical Equipment
- Instrumentation
- Vending Machines
- Estimating / Measurement Devices
- Bar Code Scanners
- Servers / Computers



## Bill of Materials

| Part No.                     | Qty<br>In Kit | Description                                           | Datasheet                 | P/N<br>Details          | Search Distributors<br>Inventory |
|------------------------------|---------------|-------------------------------------------------------|---------------------------|-------------------------|----------------------------------|
| <a href="#">487545-1</a>     | 3             | 4 Circuit Plain Style Single Row Receptacle Housing   | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>           |
| <a href="#">5-104178-5</a>   | 3             | 8 Circuit Vertical Unshrouded Thru-Hole Header        | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>           |
| <a href="#">5-104178-6</a>   | 3             | 10 Circuit Vertical Unshrouded Thru-Hole Header       | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>           |
| <a href="#">5-104071-7</a>   | 3             | 4 Circuit Vertical Latching Headers                   | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>           |
| <a href="#">5-104071-4</a>   | 3             | 20 Circuit, Unshrouded, Through Hole, Vertical Header | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>           |
| <a href="#">487544-5</a>     | 3             | 8 Circuit Plain Style Single Row Receptacle Housing   | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>           |
| <a href="#">487544-7</a>     | 3             | 10 Circuit Plain Style Single Row Receptacle Housing  | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>           |
| <a href="#">1-487547-1-C</a> | 100           | Flexible Film Contacts                                | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>           |
| <a href="#">1-487545-7</a>   | 3             | 20 Circuit Receptacle Housing                         | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>           |

## Recommended Tool

| Part No.                | Included in Kit |
|-------------------------|-----------------|
| <a href="#">91572-1</a> | No              |





