



## General Information

<b>Kit Part Number:</b>	<a href="#">2110830-1</a>
<b>Description:</b>	Deluxe Shrouded, Surface Mount and Through Hole, Dual and Single Row, Latching and Non-Latching, Vertical Header and Right Angle Header, Plug and Receptacle Housing Connector Kit
<b>Application:</b>	Bar Code Scanners, Estimating / Measurement Devices, Instrumentation and Controls, Medical Equipment, Servers / Computers, Vending
<b>Family:</b>	AMPMODU MOD II, AMPMODU MOD IV, AMPMODU MOD V, AMPMODU MTE, 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>	240
<b>RoHS:</b>	No

## Specifications

<b>Circuit Size(s):</b>	4, 10, 20, 40, 50
<b>Crimp Terminal:</b>	Female
<b>Current Rating:</b>	1.5A, 3A
<b>Flammability Rating:</b>	UL94V-0
<b>Mounting Style:</b>	Through Hole, Surface Mount
<b>Orientation:</b>	Vertical Headers, Right Angle Headers
<b>Pitch:</b>	1.27mm (.050"), 2.54mm (.100")
<b>Rows:</b>	Single Row, Dual Row
<b>Tool Included:</b>	No
<b>Voltage Rating:</b>	30V, 250V
<b>Wire Gauge (AWG):</b>	26-22

## Product Highlights

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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 In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
<a href="#">5-103414-8</a>	2	10 Circuit Single Row Vertical Header	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">102241-8</a>	2	10 Circuit Polarized Single Row Receptacle Housing	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-87499-7</a>	2	10 Circuit Single Row Receptacle Housing	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">87483-9</a>	2	40 Circuit Dual Row Receptacle Housing		<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">102387-1</a>	2	10 Circuit Polarized Dual Row Receptacle Housing	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">102128-1-C</a>	100	Female Crimp Terminals	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">6-87756-6-C</a>	100	Female Crimp Terminals	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">5-102203-7</a>	2	10 Circuit Single Row Right Angle Header	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">5-103168-3</a>	2	10 Circuit Dual Row Vertical Header	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">5-103166-3</a>	2	10 Circuit Dual Row Right Angle Header	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">5-103164-3</a>	2	10 Circuit Dual Row Right Angle 3/4 Shrouded Header	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">5-104362-9</a>	2	10 Circuit Single Row Latching Vertical Header	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">5-103957-9</a>	2	10 Circuit Single Row Latching Receptacle	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">5-147278-3</a>	2	4 Circuit Single Row Right Angle Surface Mount Header	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">104257-3</a>	2	4 Circuit Single Row Latching Receptacle	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">5-103911-2</a>	2	20 Circuit Right Angle Dual Row Through Hole Receptacle	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">103653-9</a>	2	10 Circuit Plug Housing	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">5-104549-7</a>	2	50 Circuit Dual Row Surface Mount Shrouded Vertical Header	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">5-104078-5</a>	2	50 Circuit Dual Row Vertical Receptacle	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">5-104192-2</a>	2	10 Circuit Single Rows Vertical Receptacle	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">5-104069-1</a>	2	20 Circuit Right Angle Dual Row Through Hole Header	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">5-104071-1</a>	2	10 Circuit Vertical Latching Headers	<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





