



### General Information

<b>Kit Part Number:</b>	<a href="#">1-2110830-0</a>
<b>Description:</b>	Deluxe Shrouded and Unshrouded, Surface Mount and Through Hole, Dual and Single Row, Vertical and Right Angle Header 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 System 50
<b>TE Brand:</b>	AMP Products
<b>Solution:</b>	Off the Board
<b>Product Type:</b>	Board-to-Board Connectors, Wire-to-Board Connectors
<b>Number of Pieces:</b>	36
<b>RoHS:</b>	Yes

### Specifications

<b>Circuit Size(s):</b>	10, 20, 24, 30, 50, 80
<b>Current Rating:</b>	1.5A
<b>Flammability Rating:</b>	UL94V-0
<b>Mounting Style:</b>	Through Hole, Surface Mount
<b>Orientation:</b>	Vertical Receptacles, Vertical Headers
<b>Pitch:</b>	1.27mm (.050"), 1.27mm (.050") x 2.54mm (.100")
<b>Rows:</b>	Single Row, Dual 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 In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
<a href="#">2-487937-0</a>	2	20 Circuit Dual Row Receptacle Latching	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">5-104550-6</a>	2	50 Circuit Surface Mount Dual Row Vertical Receptacle Housin...	<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="#">5-104550-4</a>	2	30 Circuit Dual Row Surface Mount Receptacle	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-5111595-1</a>	2	Paddle Board Receptacle	<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="#">5-104071-1</a>	2	10 Circuit Vertical Latching Headers	<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="#">5-104549-7</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="#">1-111196-8</a>	2	Ribbon Cable Receptacle Housing	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">5-103916-9</a>	2	30 Circuit Vertical Dual Row Unshrouded Through Hole Header	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">5-104078-7</a>	2	80 Circuit Through Hole Receptacle Assembly	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">5-104196-5</a>	2	20 Circuit Through Hole Dual Row Right Angle Receptacle ...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">2-111196-1</a>	2	50 Circuit Through Hole Dual Row Lead Free Ribbon Cable ...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">5-104549-3</a>	2	24 Circuit Surface Mount Dual Row Shrouded Vertical Head...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">5-104069-5</a>	2	30 Circuit Through Hole Dual Row Shrouded Right Angle Header	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">6-104068-6</a>	2	80 Circuit Through Hole Dual Row Shrouded Vertical Header	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>

**Recommended Tool**

Part No.	Included in Kit
<a href="#">58074-1</a>	No





Part No. **1-2110830-0**

**TE** Board-to-Board / Wire-to-Board Category

**BILL OF MATERIALS**

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1-2110830-0	1	AMPMOD System 10 Connector Kit
1-2110830-1	1	10-Channel, 100-pin, 1.27mm Pitch, 1.27mm Pitch, 1.27mm Pitch
1-2110830-2	1	10-Channel, 100-pin, 1.27mm Pitch, 1.27mm Pitch, 1.27mm Pitch
1-2110830-3	1	10-Channel, 100-pin, 1.27mm Pitch, 1.27mm Pitch, 1.27mm Pitch
1-2110830-4	1	10-Channel, 100-pin, 1.27mm Pitch, 1.27mm Pitch, 1.27mm Pitch
1-2110830-5	1	10-Channel, 100-pin, 1.27mm Pitch, 1.27mm Pitch, 1.27mm Pitch
1-2110830-6	1	10-Channel, 100-pin, 1.27mm Pitch, 1.27mm Pitch, 1.27mm Pitch
1-2110830-7	1	10-Channel, 100-pin, 1.27mm Pitch, 1.27mm Pitch, 1.27mm Pitch
1-2110830-8	1	10-Channel, 100-pin, 1.27mm Pitch, 1.27mm Pitch, 1.27mm Pitch
1-2110830-9	1	10-Channel, 100-pin, 1.27mm Pitch, 1.27mm Pitch, 1.27mm Pitch
1-2110830-10	1	10-Channel, 100-pin, 1.27mm Pitch, 1.27mm Pitch, 1.27mm Pitch
1-2110830-11	1	10-Channel, 100-pin, 1.27mm Pitch, 1.27mm Pitch, 1.27mm Pitch
1-2110830-12	1	10-Channel, 100-pin, 1.27mm Pitch, 1.27mm Pitch, 1.27mm Pitch
1-2110830-13	1	10-Channel, 100-pin, 1.27mm Pitch, 1.27mm Pitch, 1.27mm Pitch
1-2110830-14	1	10-Channel, 100-pin, 1.27mm Pitch, 1.27mm Pitch, 1.27mm Pitch
1-2110830-15	1	10-Channel, 100-pin, 1.27mm Pitch, 1.27mm Pitch, 1.27mm Pitch
1-2110830-16	1	10-Channel, 100-pin, 1.27mm Pitch, 1.27mm Pitch, 1.27mm Pitch
1-2110830-17	1	10-Channel, 100-pin, 1.27mm Pitch, 1.27mm Pitch, 1.27mm Pitch
1-2110830-18	1	10-Channel, 100-pin, 1.27mm Pitch, 1.27mm Pitch, 1.27mm Pitch
1-2110830-19	1	10-Channel, 100-pin, 1.27mm Pitch, 1.27mm Pitch, 1.27mm Pitch
1-2110830-20	1	10-Channel, 100-pin, 1.27mm Pitch, 1.27mm Pitch, 1.27mm Pitch

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18		

Net Diagram  
This edge is longer

AMPMOD System 10 Connector Kit  
Additional info available at [www.teconnectivity.com](http://www.teconnectivity.com) or contact a TE Connectivity authorized distributor

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Authorized Distributor

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