



General Information

Kit Part Number:	1-2110830-0
Description:	Deluxe Shrouded and Unshrouded, Surface Mount and Through Hole, Dual and Single Row, Vertical and Right Angle Header and Receptacle Housing Connector Kit
Application:	Bar Code Scanners, Estimating / Measurement Devices, Instrumentation and Controls, Medical Equipment, Servers / Computers, Vending
Family:	AMPMODU System 50
TE Brand:	AMP Products
Solution:	Off the Board
Product Type:	Board-to-Board Connectors, Wire-to-Board Connectors
Number of Pieces:	36
RoHS:	Yes

Specifications

Circuit Size(s):	10, 20, 24, 30, 50, 80
Current Rating:	1.5A
Flammability Rating:	UL94V-0
Mounting Style:	Through Hole, Surface Mount
Orientation:	Vertical Receptacles, Vertical Headers
Pitch:	1.27mm (.050"), 1.27mm (.050") x 2.54mm (.100")
Rows:	Single Row, Dual Row
Tool Included:	No
Voltage Rating:	30V
Wire Gauge (AWG):	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
2-487937-0	2	20 Circuit Dual Row Receptacle Latching	Datasheet	Details	Search
5-104550-6	2	50 Circuit Surface Mount Dual Row Vertical Receptacle Housin...	Datasheet	Details	Search
5-103911-2	2	20 Circuit Right Angle Dual Row Through Hole Receptacle	Datasheet	Details	Search
5-104550-4	2	30 Circuit Dual Row Surface Mount Receptacle	Datasheet	Details	Search
1-5111595-1	2	Paddle Board Receptacle	Datasheet	Details	Search
5-104078-5	2	50 Circuit Dual Row Vertical Receptacle	Datasheet	Details	Search
5-104192-2	2	10 Circuit Single Rows Vertical Receptacle	Datasheet	Details	Search
5-104071-1	2	10 Circuit Vertical Latching Headers	Datasheet	Details	Search
5-104069-1	2	20 Circuit Right Angle Dual Row Through Hole Header	Datasheet	Details	Search
5-104549-7	2	50 Circuit Dual Row Surface Mount Shrouded Vertical Header	Datasheet	Details	Search
1-111196-8	2	Ribbon Cable Receptacle Housing	Datasheet	Details	Search
5-103916-9	2	30 Circuit Vertical Dual Row Unshrouded Through Hole Header	Datasheet	Details	Search
5-104078-7	2	80 Circuit Through Hole Receptacle Assembly	Datasheet	Details	Search
5-104196-5	2	20 Circuit Through Hole Dual Row Right Angle Receptacle ...	Datasheet	Details	Search
2-111196-1	2	50 Circuit Through Hole Dual Row Lead Free Ribbon Cable ...	Datasheet	Details	Search
5-104549-3	2	24 Circuit Surface Mount Dual Row Shrouded Vertical Head...	Datasheet	Details	Search
5-104069-5	2	30 Circuit Through Hole Dual Row Shrouded Right Angle Header	Datasheet	Details	Search
6-104068-6	2	80 Circuit Through Hole Dual Row Shrouded Vertical Header	Datasheet	Details	Search

Recommended Tool

Part No.	Included in Kit
58074-1	No





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

Board-to-Board / Wire-to-Board Category

BILL OF MATERIALS

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Part No.		Description	
1-2110830-0	1	18 Pin, Through Hole, Right Angle, Board-to-Board Connector	1
1-2110830-1	2	18 Pin, Through Hole, Right Angle, Board-to-Board Connector	1
1-2110830-2	3	18 Pin, Through Hole, Right Angle, Board-to-Board Connector	1
1-2110830-3	4	18 Pin, Through Hole, Right Angle, Board-to-Board Connector	1
1-2110830-4	5	18 Pin, Through Hole, Right Angle, Board-to-Board Connector	1
1-2110830-5	6	18 Pin, Through Hole, Right Angle, Board-to-Board Connector	1
1-2110830-6	7	18 Pin, Through Hole, Right Angle, Board-to-Board Connector	1
1-2110830-7	8	18 Pin, Through Hole, Right Angle, Board-to-Board Connector	1
1-2110830-8	9	18 Pin, Through Hole, Right Angle, Board-to-Board Connector	1
1-2110830-9	10	18 Pin, Through Hole, Right Angle, Board-to-Board Connector	1
1-2110830-10	11	18 Pin, Through Hole, Right Angle, Board-to-Board Connector	1
1-2110830-11	12	18 Pin, Through Hole, Right Angle, Board-to-Board Connector	1
1-2110830-12	13	18 Pin, Through Hole, Right Angle, Board-to-Board Connector	1
1-2110830-13	14	18 Pin, Through Hole, Right Angle, Board-to-Board Connector	1
1-2110830-14	15	18 Pin, Through Hole, Right Angle, Board-to-Board Connector	1
1-2110830-15	16	18 Pin, Through Hole, Right Angle, Board-to-Board Connector	1
1-2110830-16	17	18 Pin, Through Hole, Right Angle, Board-to-Board Connector	1
1-2110830-17	18	18 Pin, Through Hole, Right Angle, Board-to-Board Connector	1

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

Pin Diagram
(Pin edge to edge)

ALL: Recommended Cable Part 20279-1 (20279)
 Additional info available at www.teconnectivity.com or contact a TE Connectivity authorized distributor.
 Assembled in Mexico, Canada or the USA

