



General Information

Kit Part Number:	2110830-3
Description:	Through Hole Right Angle Header and Crimp Receptacle Housing 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:	Wire-to-Board Connectors
Number of Pieces:	116
RoHS:	Yes

Specifications

Circuit Size(s):	4, 8, 15, 20
Current Rating:	1.5A
Flammability Rating:	UL94V-0
Mounting Style:	Through Hole
Orientation:	Right Angle Headers
Pitch:	1.27mm (.050")
Rows:	Single 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
5-104186-9	2	15 Circuit Right Angle Unshrouded Header	Datasheet	Details	Search
5-104186-5	2	8 Circuit Right Angle Unshrouded Header	Datasheet	Details	Search
5-104186-1	2	4 Circuit Right Angle Unshrouded Header	Datasheet	Details	Search
487545-1	2	4 Circuit Plain Style Single Row Receptacle Housing	Datasheet	Details	Search
6-104186-1	2	20 Circuit Right Angle Unshrouded Header	Datasheet	Details	Search
1-487547-1-C	100	Flexible Film Contacts	Datasheet	Details	Search
1-487544-7	2	20 Circuit Receptacle	Datasheet	Details	Search
1-487545-2	2	15 Circuit Single Row Receptacle Latching	Datasheet	Details	Search
487544-5	2	8 Circuit Plain Style Single Row Receptacle Housing	Datasheet	Details	Search

Recommended Tool

Part No.	Included in Kit
91572-1	No







Wire-to-Board Category



Kit Part No. **2110830-3**

AMPMODU System 50 Connector Kit

Through Hole Right Angle Header and Crimp
Receptacle Housing

- 1.27mm Pitch
- 4, 8, 15 and 20 Circuits
- Flexible Film Contacts¹
- 1.5 Amps, 30 Volts
- Flammability Rating: UL 94V-0

¹For use with Phoenix Pin Style (PFC) Crimp Pins.

Additional kits available at www.productkits.com

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WARNING: Failure to follow all instructions in Application Specification (33-0702) (available at www.teconnectivity.com), including using only approved TE wiring for applications, can result in improper installation and/or improper wiring which is dangerous and may cause or contribute to electrical fires. Should be used only by individuals with proper training and experience.

116
pieces



Product from TE Connectivity
Kits designed and assembled
by Waldom Electronics.