Frame Kits (Continued)
Non-CardBus, Series III, Sonic Weld, With I/O Port

Bottom Frame

Shielded — Yes
Frame Material — Stainless Steel
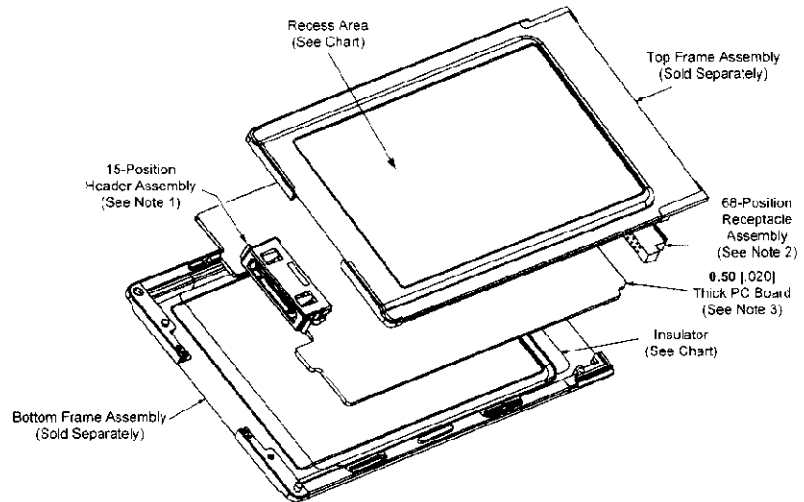**Cover Material** — Stainless Steel
Voltage — 5V
PC Card Headers — see page 49 in Sockets Section

Recess Area
(See Chart)

Top Frame Assembly
(Sold Separately)

15-Position
Header Assembly
(See Note 1)

68-Position
Receptacle
Assembly
(See Note 2)

0.50 [.020]
Thick PC Board
(See Note 3)

Insulator
(See Chart)

Bottom Frame Assembly
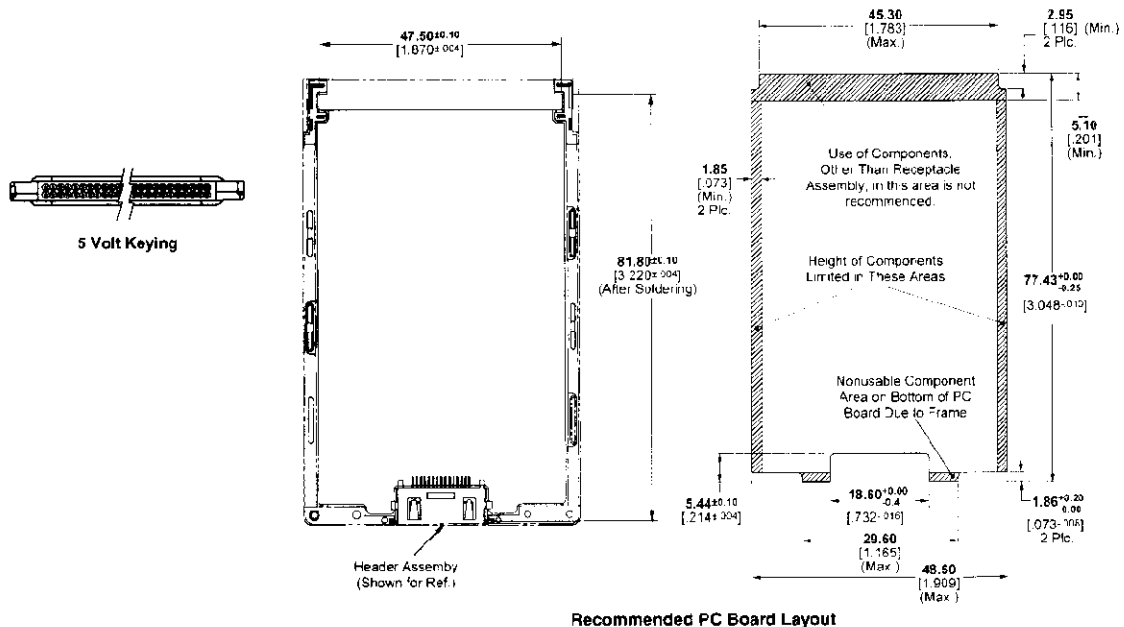(Sold Separately)

Technical Documents
Application Specifications —
114-6058 and 114-1112

Application Tooling
Branson Ultrasonics Corporation

Notes: 1. The 15-position header assemblies are not included in the frame kit and must be purchased separately.
2. The 68-position receptacle assembly is not included in the frame kit and must be purchased separately.
3. The PC board is not included in the frame kit; recommended layout dimensions are shown below. For detailed board layout specifications, request AMP Customer Drawing 406062 or 406063.

5 Volt Keying

47.50±0.10
[1.870±.004]

81.80±0.10
[3.220±.004]
(After Soldering)

Header Assembly
(Shown for Ref.)

45.30
[1.783]
(Max.)

2.95
[.116] (Min.)
2 Plc.

5.10
[.201]
(Min.)

1.85
[.073]
(Min.)
2 Plc.

Use of Components,
Other Than Receptacle
Assembly, in this area is not
recommended.

Height of Components
Limited in These Areas

77.43+0.00 -0.25
[3.048-.010]

Nonusable Component
Area on Bottom of PC
Board Due to Frame

5.44±0.10
[.214±.004]

18.60+0.00 -0.4
[.732-.016]

1.86+0.20 0.00
[.073-.008]
2 Plc.

29.60
[1.165]
(Max.)

48.60
[1.909]
(Max.)

Recommended PC Board Layout

No. of Positions	PCB Offset	Recessed Areas	Insulated	Part Number
15	0.41 [.016]	No	Yes	1116176-2[1, 2, 3]
15	0.41 [.016]	Yes	Yes	406062-3[1, 2]
Dual 15's	.000 [0.0]	No	Yes	406142-4[2]

[1]Recess areas are located on the frame assembly and cover. They will accommodate a label size of 38.80 [1.528] x 64.0 [2.52] with a maximum thickness of 0.076 [.003]. The recess area reduces the internal space between the board and covers by 0.076 [.003].
[2]UL recognition and CSA certification not applicable.
[3]0.4mm offset, right.