

Extended Mini-Box Connectors Recommended Printed Circuit Board Layouts (Connector Side of Board) (Continued)

Receptacles

PC Layout	Pin Locations						
	T	U	V	W	X	Y	Z
II	50	51	100	101	150	151	200
II	48	49	96	97	144	145	192
I	45	46	90	91	135	136	180
I	43	44	86	87	129	130	172
II	40	41	80	81	120	121	160
II	38	39	76	77	114	115	152
I	35	36	70	71	105	106	140
I	33	34	66	67	99	100	132

No. of Pos.	Dimensions		
	D	E	F
200	5.650 143.51	2.825 71.76	2.450 62.23
192	5.450 138.43	2.725 69.22	2.350 59.69
180	5.150 130.81	2.575 65.41	2.200 55.88
172	4.950 125.73	2.475 62.87	2.100 53.34
160	4.650 118.11	2.325 59.06	1.950 49.53
152	4.450 113.03	2.225 56.52	1.850 46.99
140	4.150 105.41	2.075 52.71	1.700 43.18
132	3.950 100.33	1.975 50.17	1.600 40.64

Pin Headers

PC Layout	Pin Locations						
	T	U	V	W	X	Y	Z
II	50	51	100	101	150	151	200
II	48	49	96	97	144	145	192
I	45	46	90	91	135	136	180
I	43	44	86	87	129	130	172
II	40	41	80	81	120	121	160
II	38	39	76	77	114	115	152
I	35	36	70	71	105	106	140
I	33	34	66	67	99	100	132

No. of Pos.	Dimensions	
	F	E
200	2.450 62.23	2.900 73.66
192	2.350 59.69	2.800 71.12
180	2.200 55.88	2.650 67.31
172	2.100 53.34	2.550 64.77
160	1.950 49.53	2.400 60.96
152	1.850 46.99	2.300 60.96
140	1.700 43.18	2.150 54.61
132	1.600 40.64	2.050 52.07

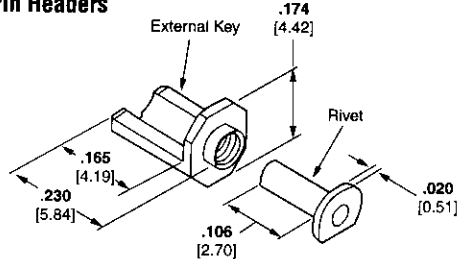
Mini-Box and Extended Mini-Box Connector Keying Hardware

External Keys

These external keys can be used with all the receptacle assemblies and with all the pin header assemblies. They are press fitted into position using tool number 91117-2. Keys used in one end of each mated pair will yield 8 keying combinations, and when used in both ends of the mated

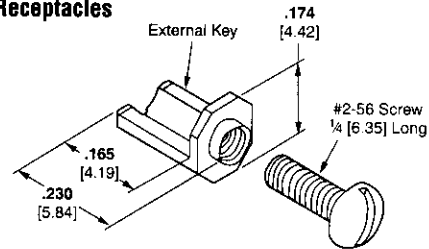
pairs will yield 64 keying combinations. The No. 2-56 screws are used to mount keyed receptacles to a printed circuit board. See instruction sheet 408-7894 for details. Rivets can be used to retain keys in pin header assemblies. See instruction sheet 408-9240.

Pin Headers



External Key Kit Number 530721-4
 Kit includes 2 each of the following:
Keys — Part Number 530721-1
 Military Part Number M55302/31-06
Rivets — Part Number 534164-2
Material — Passivated Stainless Steel

Receptacles



External Key Kit Number 530721-3
 Kit includes 2 each of the following:
Keys — Part Number 530721-1
 Military Part Number M55302/31-06
#2-56 Screws, .250 [6.35] Long
Material — Passivated Stainless Steel

Printed Circuit Board Connectors