

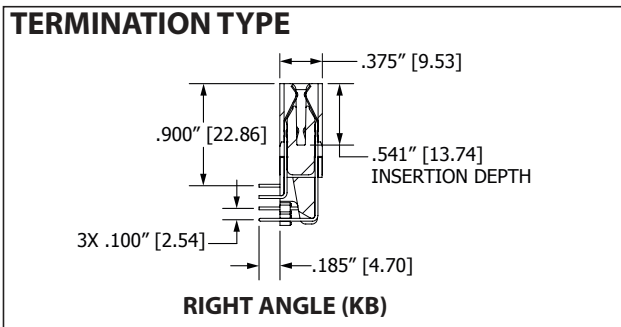
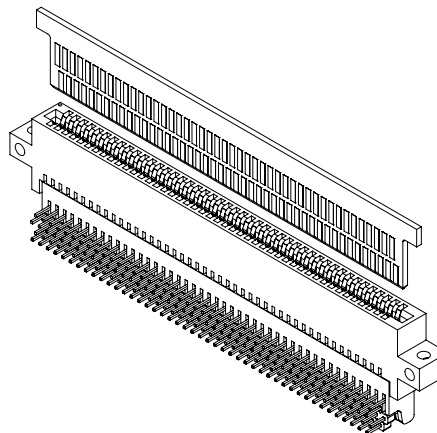


## Bi-Level High Density, .050" [1.27 mm] / .100" [2.54 mm] Contact Centers Right Angle for .062" [1.57 mm] or .093" [2.36 mm] Mating PCB

U.S. Patent NO. US 6,790,054 B1

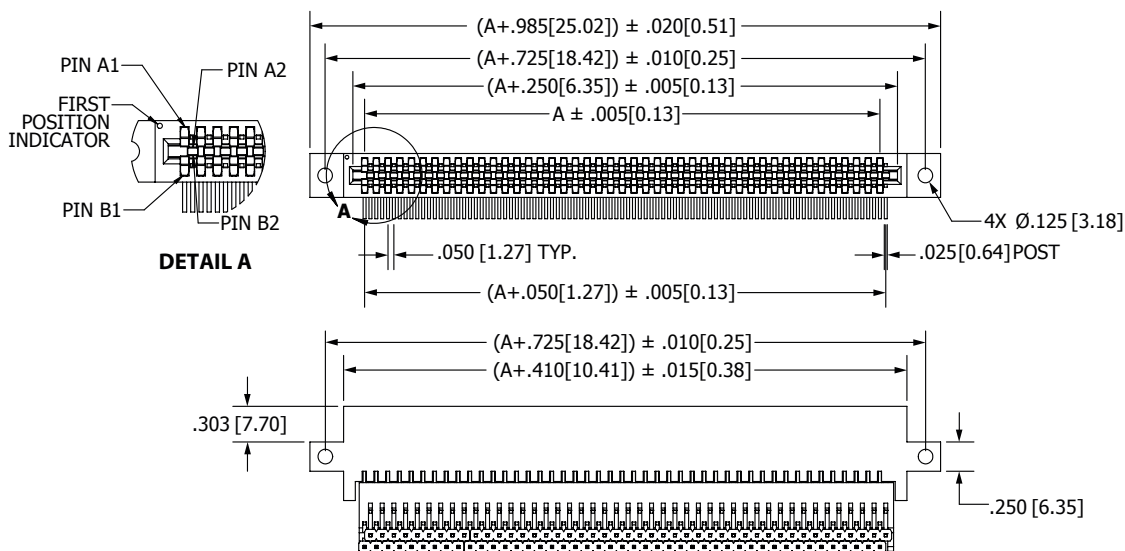
### SPECIFICATIONS

- .050" [1.27 mm] Contact Center Spacing can replace .100" [2.54 mm] Contact Center parts to double the number of contacts within the same area
- Backwards Compatible with Daughter Card Side
- Accommodates .062" ± .008" [1.57 mm ± 0.20 mm] or .093" ± .008" [2.36 mm ± 0.20 mm] mating PCB
- Contact Material: Beryllium Copper or Phosphor Bronze
- Body Material: PA9T
- UL Flammability Rating: 94V-0
- 3 Amps current rating for one contact energized
- High power-per-inch
- Operating Voltage: 225 VAC
- Consult Factory for PC board layouts/technical drawings

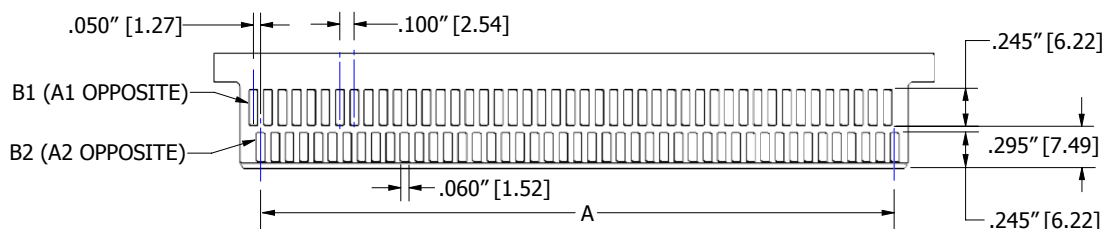


### DIMENSIONS

Dimensions in [ ] are in millimeters, all others are in inches.



### DAUGHTER CARD LAYOUT



Bi-Level Card Edge



### Bi-Level High Density, .050" [1.27 mm] / .100" [2.54 mm] Contact Centers

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Right Angle for .062" [1.57 mm] or .093" [2.36 mm] Mating PCB

Bi-Level Card Edge

### PART NUMBER OPTIONS

J C B 10 D KB S - Sxxxx

#### MATERIALS (INSULATOR/CONTACT)

G = PA9T/Phosphor Bronze

J = PA9T/Beryllium Copper

Refer to Page 7 for Operating/Processing Temperatures

#### CONTACT FINISH - RoHS Compliant

All platings are Lead Free and have .000050" Nickel underplate

##### Contact Surface

B = .00010" Gold

C = .00030" Gold

Y = .00030" Gold

##### Termination

.000100" Pure Tin, Matte

.000100" Pure Tin, Matte

.000005" Gold

#### CONTACT CENTERS

B = .050" [1.27 mm] / .100" [2.54 mm]

OMIT FOR STANDARD

-S1176 = For .093"±.008" [2.36±0.20]

Thick Mating PCB

-S1075 = Staggered Ears with Side Mounting Holes (Requires 'S' Mounting)

-S1076 = Staggered Ears with #4-40 Threaded Inserts (Requires 'A' Mounting)

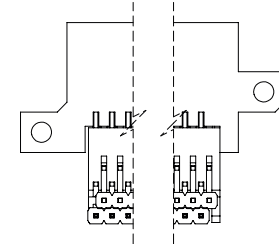
POSITIONS	DIMENSION A (See Opposite Page)		
	No. of Contacts	in	mm
06	12	0.200	5.08
08*	16	0.300	7.62
10	20	0.400	10.16
12	24	0.500	12.70
14*	28	0.600	15.24
16*	32	0.700	17.78
18*	36	0.800	20.32
20	40	0.900	22.86
22*	44	1.000	25.40
24	48	1.100	27.94
26*	52	1.200	30.48
28*	56	1.300	33.02
30	60	1.400	35.56
32*	64	1.500	38.10
34	68	1.600	40.64
36	72	1.700	43.18
38*	76	1.800	45.72
40	80	1.900	48.26
42	84	2.000	50.80
44	88	2.100	53.34
46*	92	2.200	55.88
48*	96	2.300	58.42
50	100	2.400	60.96
52	104	2.500	63.50
54*	108	2.600	66.04
56	112	2.700	68.58
58*	116	2.800	71.12
60	120	2.900	73.66
62*	124	3.000	76.20
64*	128	3.100	78.74
66*	132	3.200	81.28
68*	136	3.300	83.82
70	140	3.400	86.36
72	144	3.500	88.90
74*	148	3.600	91.44
76	152	3.700	93.98
78	156	3.800	96.52
80	160	3.900	99.06
82*	164	4.000	101.60
84*	168	4.100	104.14
86	172	4.200	106.68
88*	176	4.300	109.22
90	180	4.400	111.76

\* Consult factory for availability.

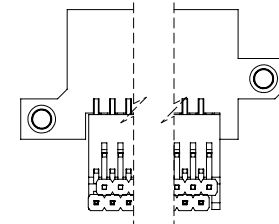
MOUNTING STYLE		
H	MOUNTING HOLES	Ø .125" [3.18]
S	SIDE MOUNTING HOLES	2X Ø .125" [3.18]
I	#4-40 THREADED INSERTS	#4-40
A	#4-40 THREADED INSERTS IN SIDE HOLES	#4-40
N	NO MOUNTING EARS	

### MODIFICATION CODE

(CONSULT FACTORY)



**STAGGERED EARS WITH SIDE MOUNTING HOLES (-S1075)**



**STAGGERED EARS WITH #4-40 THREADED INSERTS (-S1076)**