

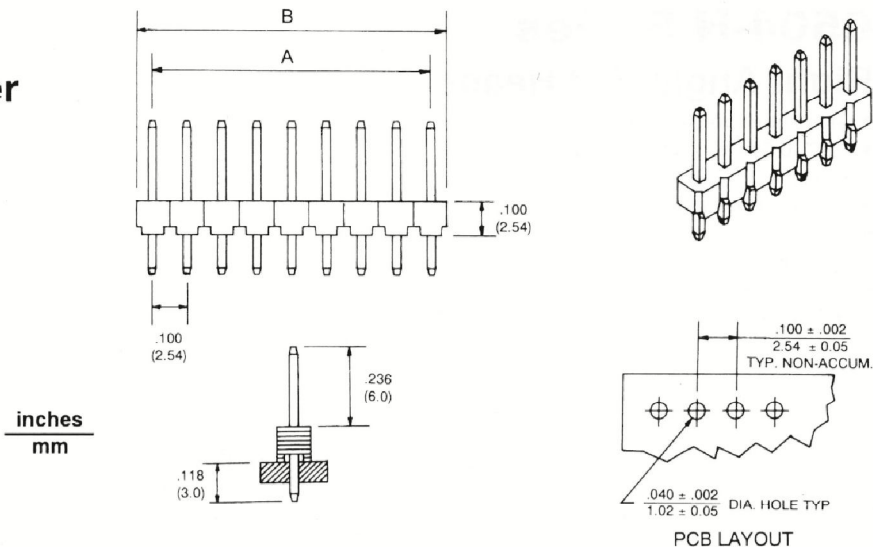


ALEX

.100" (2.54mm) Center Headers

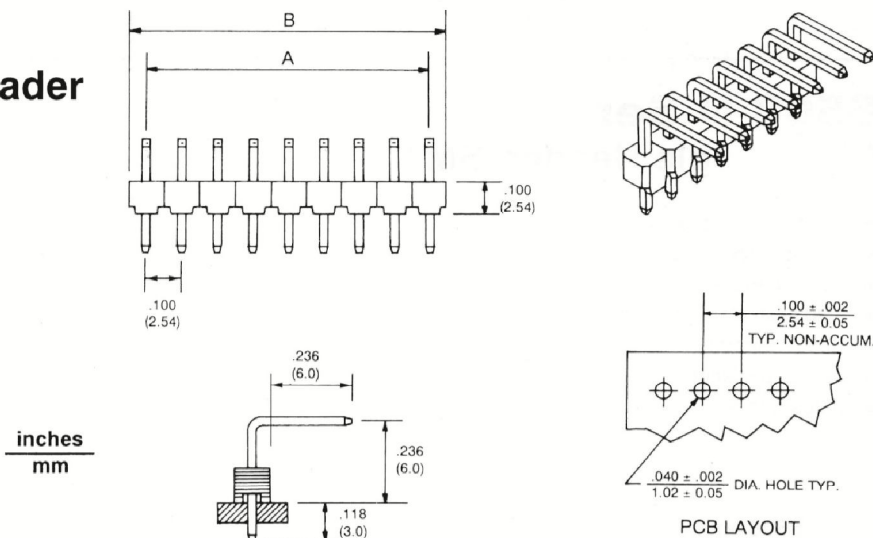
6502-N Series Straight Flat Header

- PBT, UL 94V-0
- .025" (0.64mm) straight square wire pins
- Various pin lengths available
- 1-40 circuits available
- Mates with 6501 series housing
- Stackable side-to-side and end-to-end



6503-N Series Right Angle Flat header

- PBT, UL 94V-0
- .025" (0.64mm) right angle square wire pins
- Various pin lengths available
- 1-40 circuits available
- Mates with 6501 series housing
- Stackable end-to-end



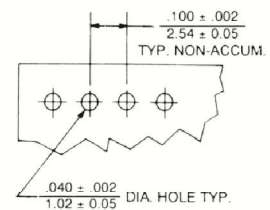
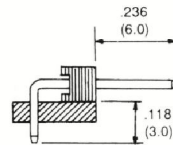
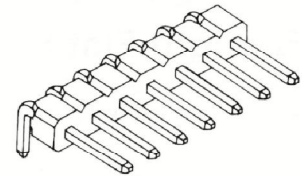
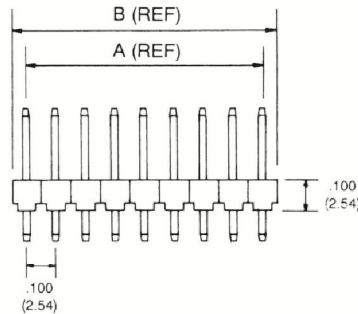
Dimensional Information - in. (mm) 6502/6503

Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B
1		0.100 (2.54)	15	1.400 (35.56)	1.500 (38.10)	29	2.800 (71.12)	2.900 (73.66)
2	0.100 (2.54)	0.200 (5.08)	16	1.500 (38.10)	1.600 (40.64)	30	2.900 (73.66)	3.000 (76.20)
3	0.200 (5.08)	0.300 (7.62)	17	1.600 (40.64)	1.700 (43.18)	31	3.000 (76.20)	3.100 (78.74)
4	0.300 (7.62)	0.400 (10.16)	18	1.700 (43.18)	1.800 (45.72)	32	3.100 (78.74)	3.200 (81.28)
5	0.400 (10.16)	0.500 (12.70)	19	1.800 (45.72)	1.900 (48.26)	33	3.200 (81.28)	3.300 (83.82)
6	0.500 (12.70)	0.600 (15.24)	20	1.900 (48.26)	2.000 (50.80)	34	3.300 (83.82)	3.400 (86.36)
7	0.600 (15.24)	0.700 (17.78)	21	2.000 (50.80)	2.100 (53.34)	35	3.400 (86.36)	3.500 (88.90)
8	0.700 (17.78)	0.800 (20.32)	22	2.100 (53.34)	2.200 (55.88)	36	3.500 (88.90)	3.600 (91.44)
9	0.800 (20.32)	0.900 (22.86)	23	2.200 (55.88)	2.300 (58.42)	37	3.600 (91.44)	3.700 (93.98)
10	0.900 (22.86)	1.000 (25.40)	24	2.300 (58.42)	2.400 (60.96)	38	3.700 (93.98)	3.800 (96.52)
11	1.000 (25.40)	1.100 (27.94)	25	2.400 (60.96)	2.500 (63.50)	39	3.800 (96.52)	3.900 (99.06)
12	1.100 (27.94)	1.200 (30.48)	26	2.500 (63.50)	2.600 (66.04)	40	3.900 (99.06)	4.000 (101.60)
13	1.200 (30.48)	1.300 (33.02)	27	2.600 (66.04)	2.700 (68.58)			
14	1.300 (33.02)	1.400 (35.56)	28	2.700 (68.58)	2.800 (71.12)			

.100" (2.54mm) Right Angle Header

6504-N Series Right Angle Flat Header

- PBT, UL 94V-0
- .025" (0.64mm) right angle square wire pins
- Various pin lengths available
- 2-40 circuits available
- Mates with 6501 series housing
- Applicable PC board thickness: .063" (1.6mm)



inches
mm

Note:

A = (Circuits - 1) x (2.54mm)
B = Circuits x (2.54mm)

PCB LAYOUT

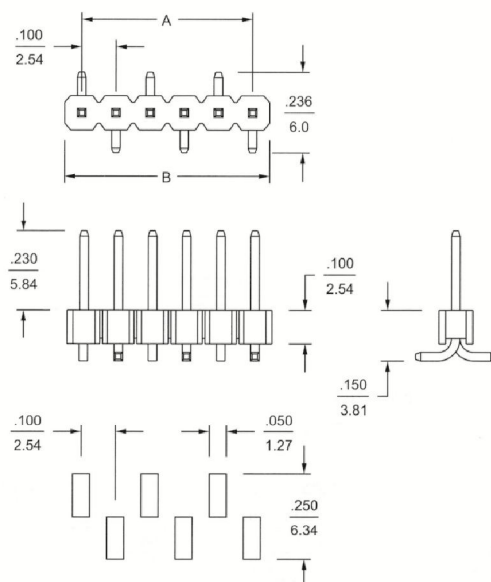
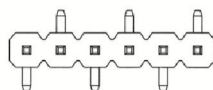
6508-N Series Right Angle Header, SMT

- 2 ~ 40 circuits available
- Insulator: Nylon 6T
- Contact: Brass
- Gold flash plated over nickel
- .025" (0.64mm) square pin
- Various pin lengths available
- Mates with ALEX 6501 housing

6508-xxA



6508-xxB



inches
mm

P. C. board hole dimensions

Dimensional Information (mm)

Part No.	Dim. A	Dim. B
6508-xxA	2.54 x (N - 1)	2.54 x N
6508-xxB		

& N = 2 ~ 40

**ALEX**

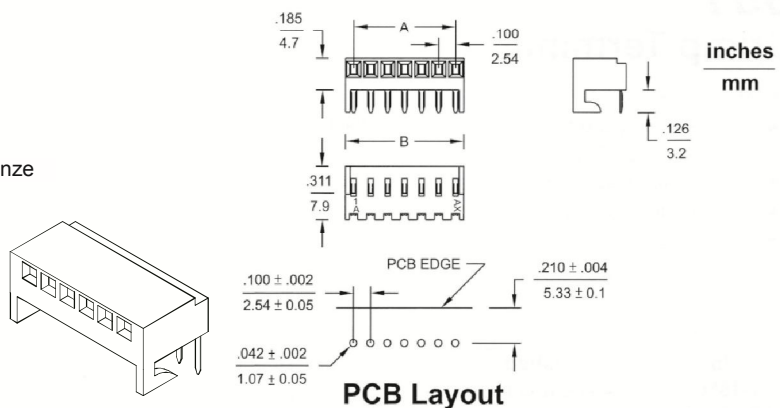
.100"(2.54mm) KK Type PC Board Connector

Specifications:

- Current rating: 2.5A Max.
- Voltage rating: 250V
- Dielectric withstanding voltage: 1500V AC/minute
- Contact resistance: 20mΩ Max.
- Temperature: 0 °C ~ 75 °C
- Recommended PCB thickness: .062"(1.57mm)
- UL file No. : E114003

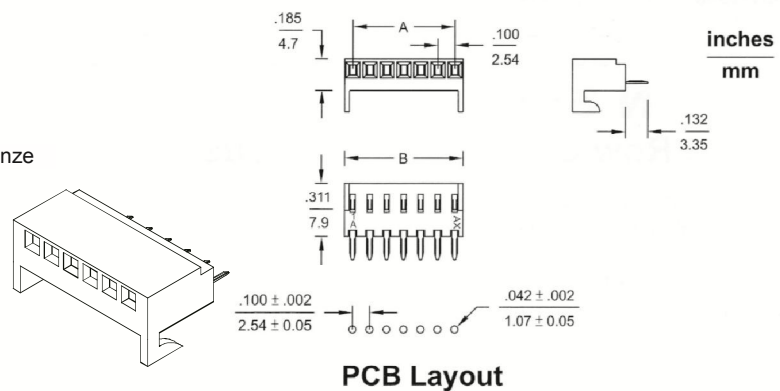
6505-N Series Right Angle

- 2 ~ 25 circuits available
- Contact material: Tin-plated phosphor bronze
- Plastic material: Nylon, UL 94V-0
- Insulation resistance: 500KMΩ Min.



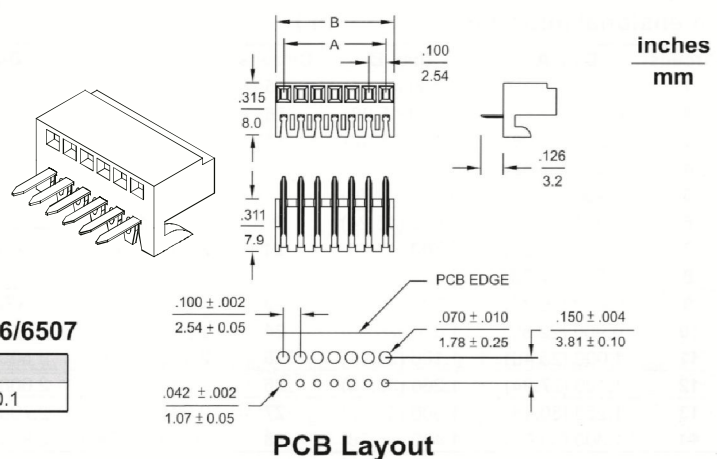
6506-N Series Top Entry

- 2 ~ 25 circuits available
- Contact material: Tin-plated phosphor bronze
- Plastic material: Nylon, UL 94V-0
- Insulation resistance: 50KMΩ Min.



6507-N Series Bottom Entry

- 2 ~ 25 circuits available
- Contact material: Tin-plated phosphor bronze
- Plastic material: Nylon, UL 94V-0
- Insulation resistance: 500KMΩ Min.



Dimensional Information (mm) 6505/6506/6507

Circuits	Dim. A	Dim. B
N	2.54 x (N - 1)	2.54 x N - 0.1

&& N = 2 ~ 25