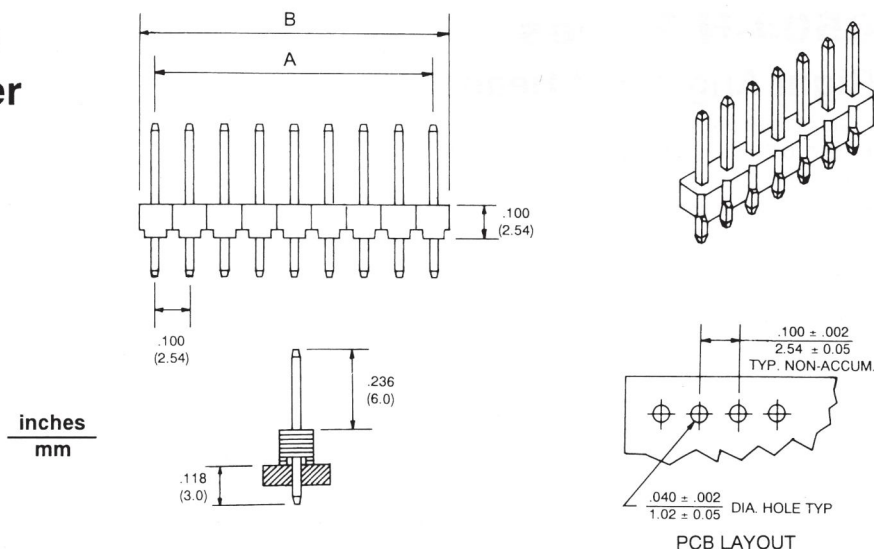


**ALEX**

.100" (2.54mm) Center Headers

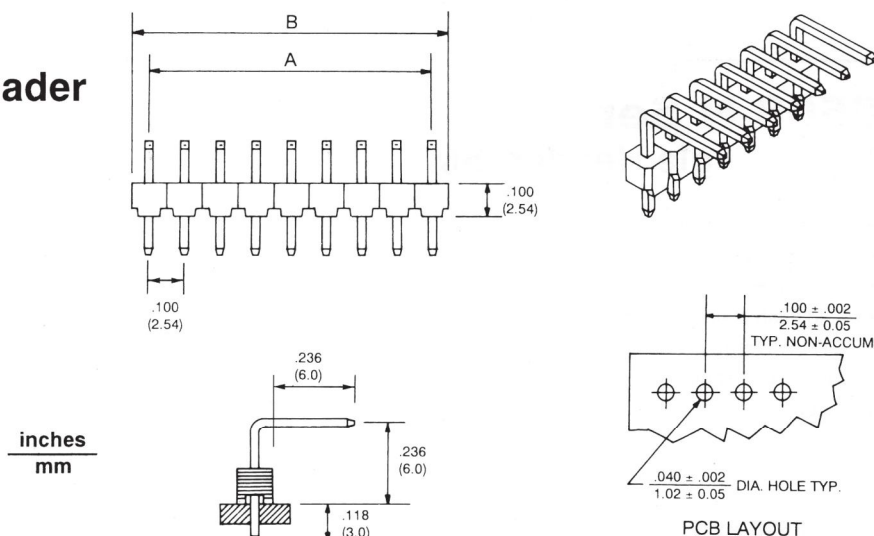
6502-N Series Straight Flat Header

- 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)			



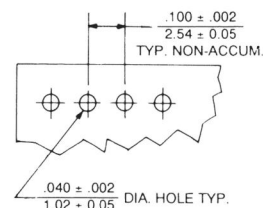
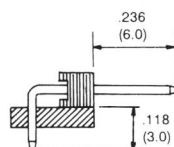
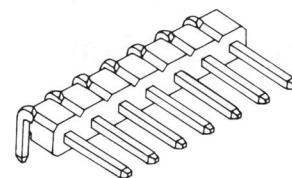
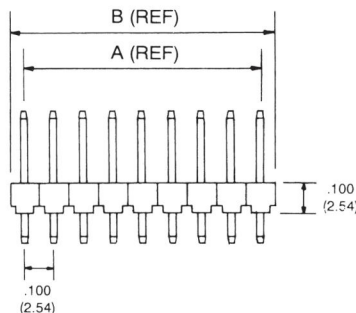
ALEX

.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)

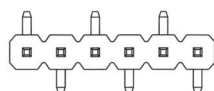
PCB LAYOUT

6508-N Series

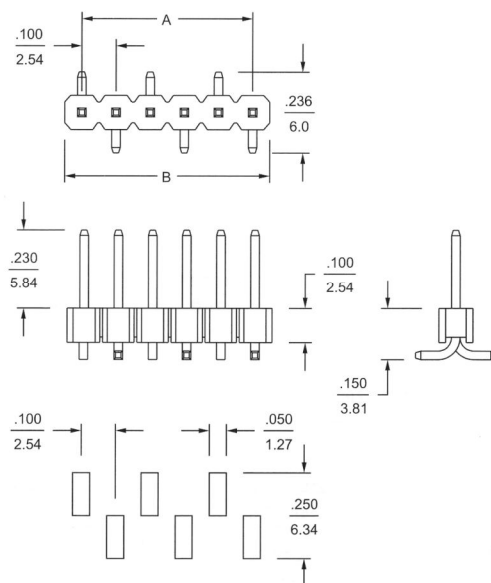
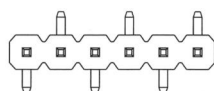
Right Angle Header, SMT

- 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

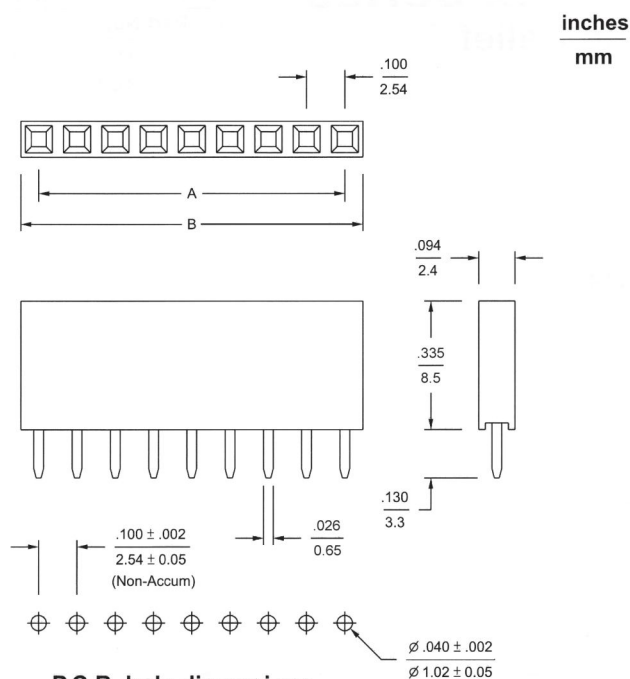
**ALEX**

.100" (2.54mm) Center Headers

9911-N Series

Single Row Straight Header

- 2 ~ 40 circuits available
- Material: PBT (UL 94V-0)
- Gold flash brass
- Various pin lengths available



Dimensional Information (mm)

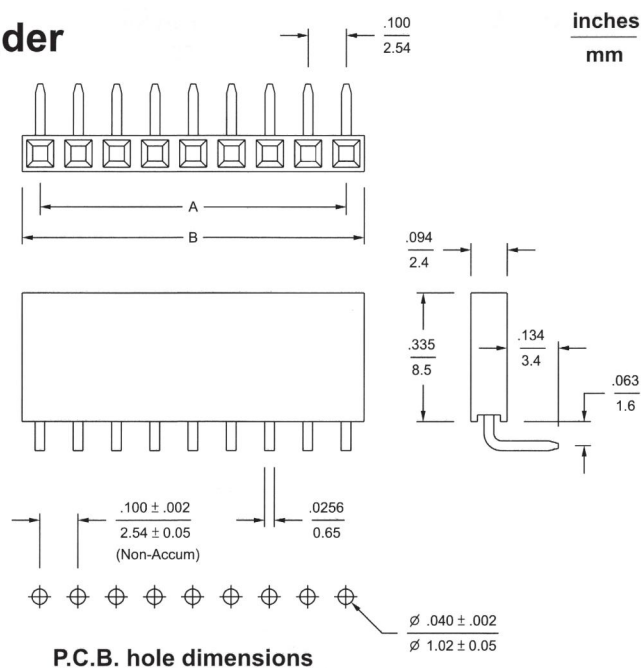
Part No.	Dim. A	Dim. B
9911-N	$2.54 \times (N - 1)$	$2.54 \times N + 0.5$

&& N = Number of contact, 2 ~ 40

9912-N Series

Single Row Right Angle Header

- 4 ~ 80 circuits available
- Material: PBT
- Gold flash phosphor bronze
- Various pin lengths available



Dimensional Information (mm)

Part No.	Dim. A	Dim. B
9912-N	$2.54 \times (N - 1)$	$2.54 \times N - 0.15$

&& N = Number of contact, 4 ~ 80



ALEX

.100"(2.54mm) Single Row Side Entry Female Header, SMT Type

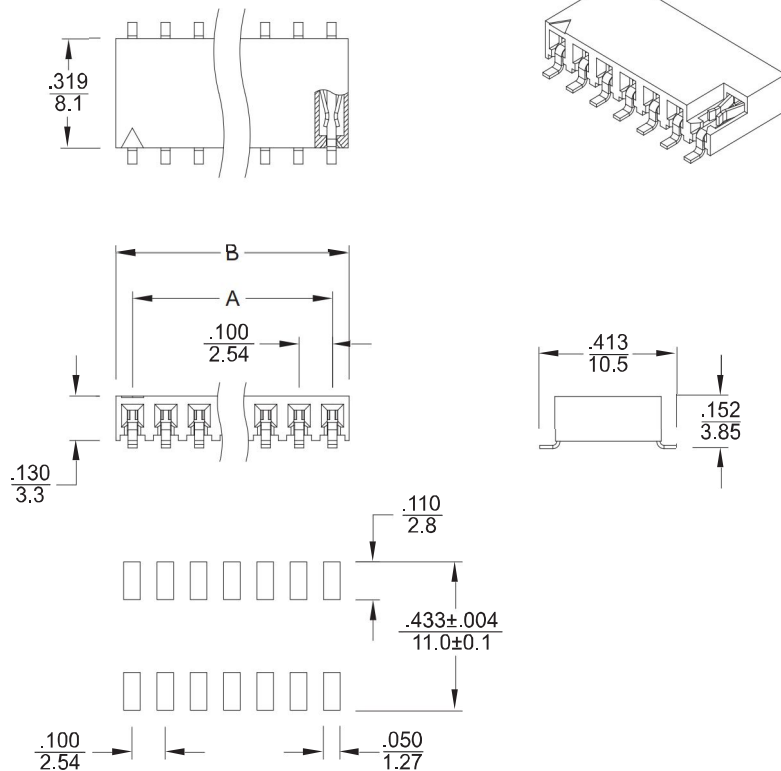
Specification:

- Current rating: 3A AC, DC
- Voltage rating: 250V AC, DC
- Contact resistance: 20mΩ Max.
- Insulation resistance: 1000MΩ Min.
- Dielectric withstanding voltage: 500V AC/minute
- Ambient temperature range: -40°C ~ 105°C
(Including temperature rise)

9938-xx-xGF-0 Series Side Entry Type

inches
mm

- 2 ~ 40 circuits available
- Material: LCP
- Gold-flash phosphor bronze
- Color: Black
- Package: Tube



Recommended P. C. board layout

Dimensional Information (mm)

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

&& N = 2 ~ 40