

- Very low profile — total mated height: 10mm
- Newly designed, highly reliable socket contact
- 14 sizes, from 2 to 15 contact layouts
- Straight/Right angle pin headers & sockets

● MATERIALS & FINISHES

Insulator: 66 Nylon,
UL94V-0 light brown

Pin contact: Brass,
Tin over nickel plated

● STANDARD DATA

Current rating: 3 Amp.

Dielectric withstanding voltage: 1500 VAC r.m.s.

Insulation resistance: 100 M Ω min.

Contact resistance: 20 m Ω max.

Contact retention: 1 kg min.

Total mating force: $(350 \times n + 1500)$ g max.

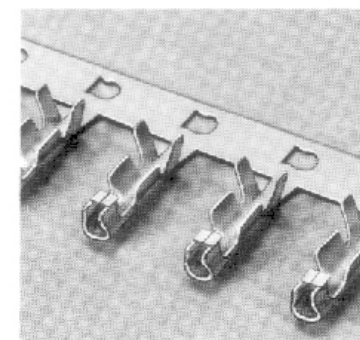
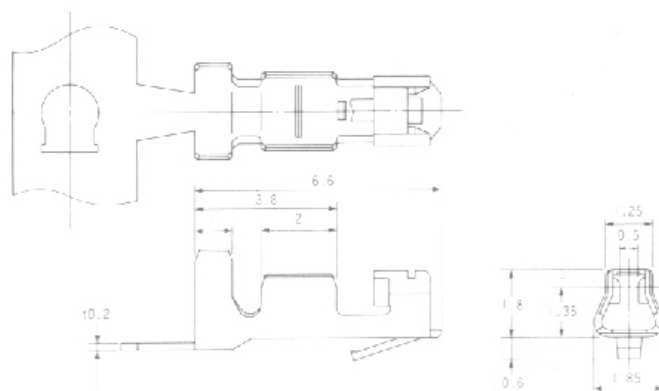
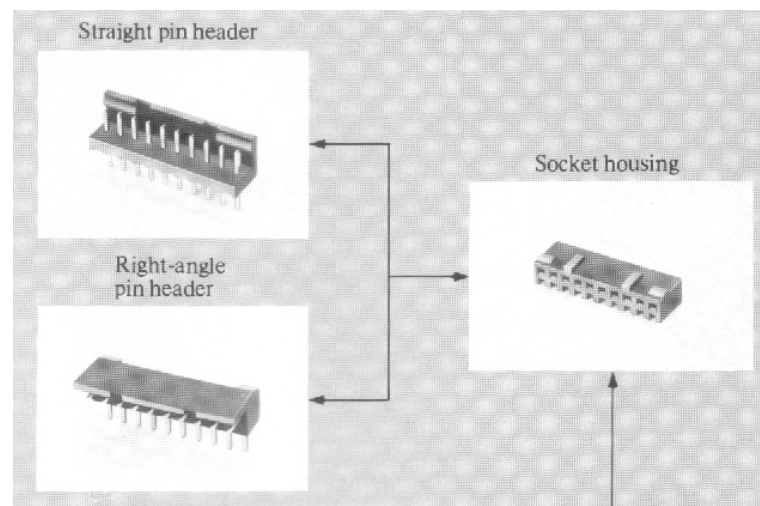
Total unmating force: $(200 \times n + 1500)$ g min.

Operating temperature: -40°C thru $+85^{\circ}\text{C}$

Applicable PCB: 1.6 thru 2.6 mm thick

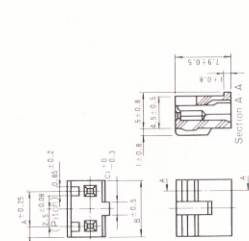
Applicable wire size: AWG #22 thru #28

(n=Number of contacts)

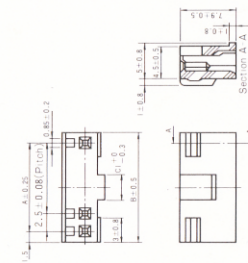


SOCKET HOUSING

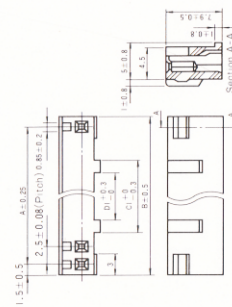
- 2, 3 contact



- 4~6 contact

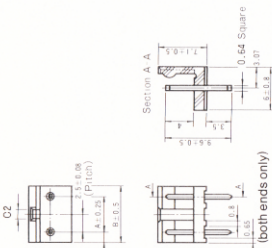


- 7~15 contact

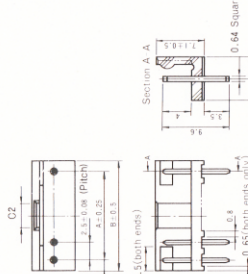


STRAIGHT PIN HEADER

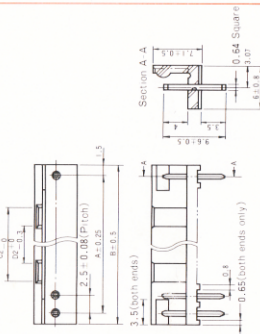
- 2, 3 contact



- 4~6 contact

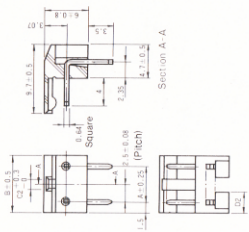


- 7~15 contact

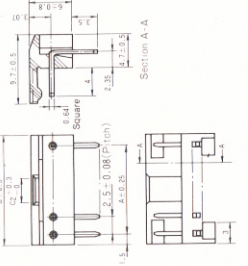


ANGLE PIN HEADER

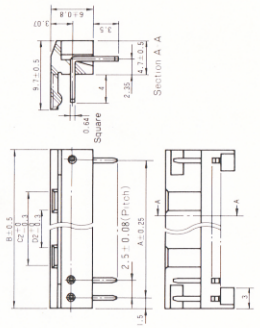
- 2, 3 contact



- 4~6 contact



- 7~15 contact

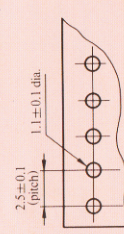


(Conguration of 13, 14 & 15-contact layouts are slightly different)

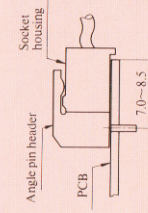
* Terminal No. on housing
(viewed from contact
insertion side)



* PCB Mounting hole
(PCB thickness: 1.6~2.6mm)



INSTALLATION
Right-angle pin header must
be installed on an edge of
the board as shown below:



No. of contacts	A±0.25	B±0.5	C1±0.3	C2±0.3	D1±0.3	D2±0.3	Terminal No. on housing
2	2.5	5.5	1.4	1.5	—	1.7	1
3	5	8	1.9	2	—	3	1
4	7.5	10.5	2.4	2.5	—	—	1
5	10	13	2.9	3	—	—	1, 5
6	12.5	15.5	3.4	3.5	—	—	1, 5, 6
7	15	18	3.9	4	2.5	2.4	1, 5, 6
8	17.5	20.5	4.4	4.5	5	4.9	1, 5, 6, 8
9	20	23	4.9	5	11	7.4	1, 5, 6, 8
10	22.5	25.5	5.4	5.5	13.5	10	1, 5, 6, 8, 10
11	25	28	5.9	6	16	12.5	1, 5, 6, 8, 10
12	27.5	30.5	6.4	6.5	18.5	15	1, 5, 6, 8, 10, 12
13	30	33	6.9	7	21	17.4	1, 5, 6, 8, 10, 12
14	32.5	35.5	7.4	7.5	23.5	20	1, 5, 6, 8, 10, 12
15	35	38	7.9	8	26	22.5	1, 5, 6, 8, 10, 12, 15