

Artikel-Nr. 072504/O

Bez.: Platinen-Steckverbinder, hochw. Ausf., gerade Ausf., Kabel/Länge AWG 24-25 cm, Oberteil  
Buchsenleiste mit Kabel, 5-polig, mit Verriegelung

- 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 MΩ min.

Contact resistance: 20 mΩ max.

Contact retention: 1 kg min.

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

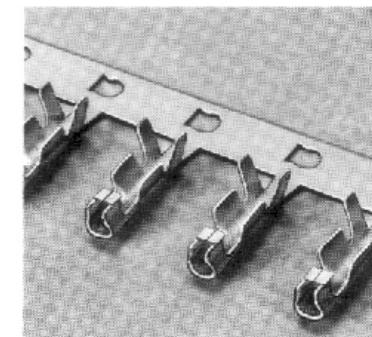
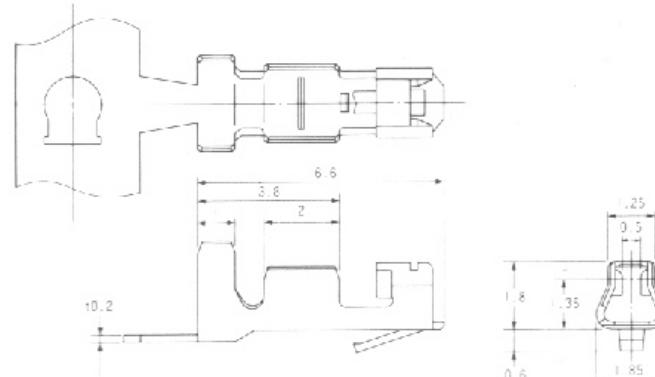
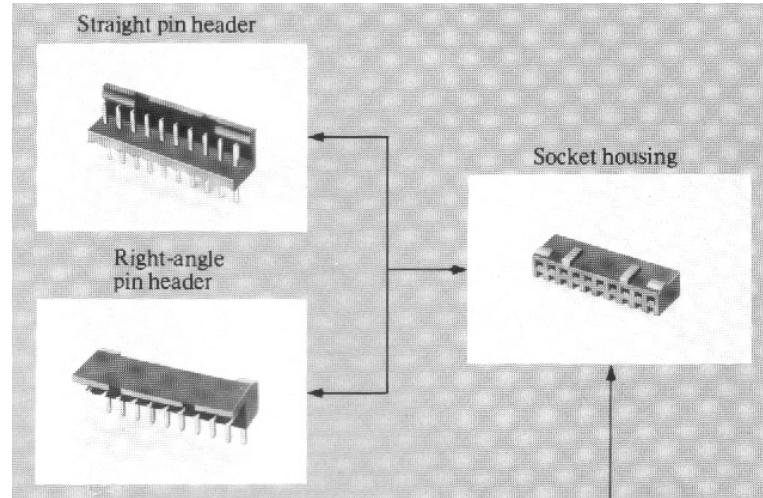
Total unmating force:  $(200 \times n + 1500)$  g min.

Operating temperature:  $-40^{\circ}\text{C}$  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)



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Technische Änderungen vorbehalten. Ausführungen können variieren. Sollten Sie ein Muster benötigen kontaktieren Sie uns bitte.

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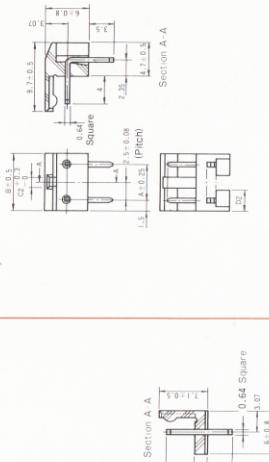
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## ANGLE PIN HEADER

## STRAIGHT PIN HEADER

## SOCKET HOUSING

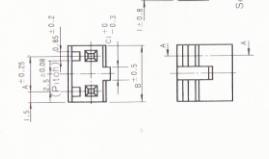
## • 2, 3 contact



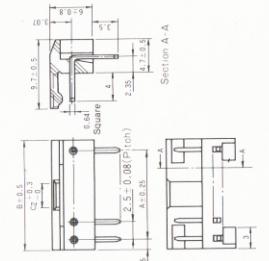
## • 2, 3 contact



## • 2, 3 contact



## • 4~6 contact



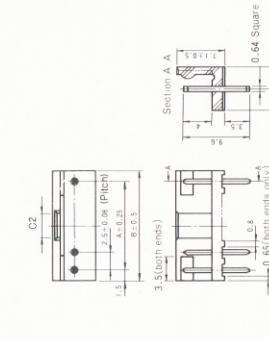
## • 4~6 contact



## • 4~6 contact



## • 7~15 contact



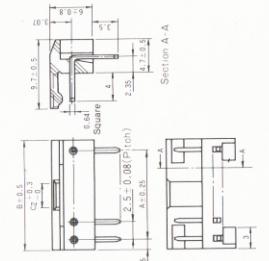
## • 7~15 contact



## • 7~15 contact



## • 13~15 contact



## • 13~15 contact



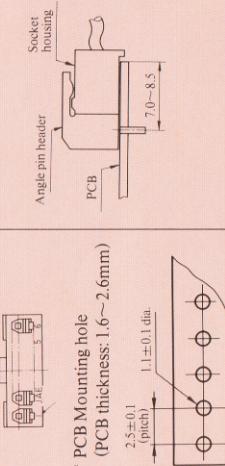
## • 13~15 contact



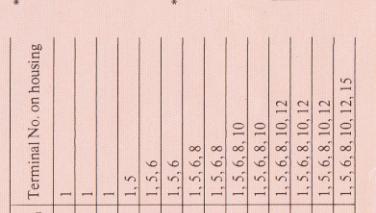
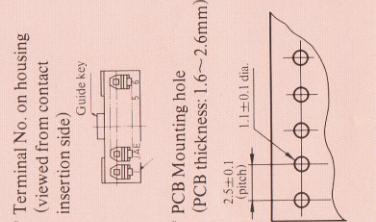
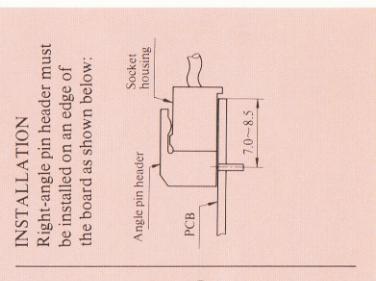
(Conguration of 13, 14 &amp; 15-contact layouts are slightly different)

## 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	5.9	6	2.5	2.4	1.5, 6
8	17.5	20.5	8.4	8.5	5	4.9	1.5, 6, 8
9	20	23	10.9	11	7.5	7.4	1.5, 6, 8
10	22.5	25.5	13.4	13.5	10	9.9	1.5, 6, 8, 10
11	25	28	15.9	16	12.5	12.4	1.5, 6, 8, 10
12	27.5	30.5	18.4	18.5	15	14.9	1.5, 6, 8, 10, 12
13	30	33	20.9	21	17.5	17.4	1.5, 6, 8, 10, 12
14	32.5	35.5	23.4	23.5	20	19.9	1.5, 6, 8, 10, 12
15	35	38	25.9	26	22.5	22.4	1.5, 6, 8, 10, 12, 15

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

## Guide key

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