

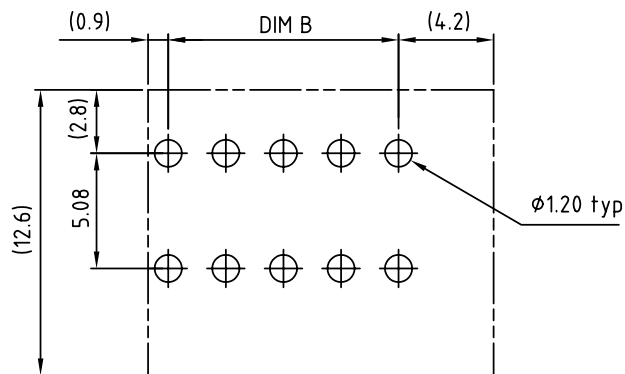
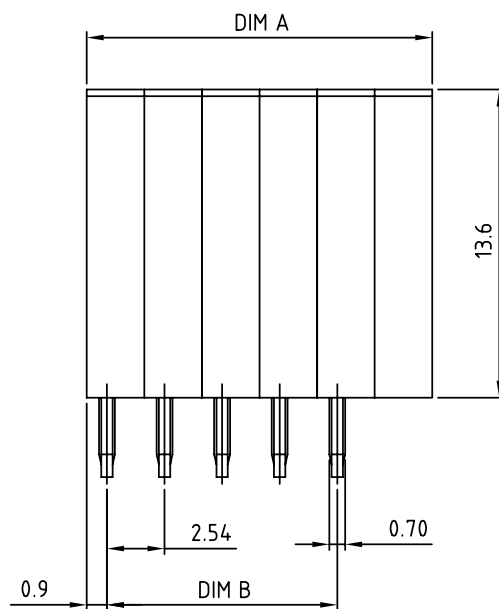
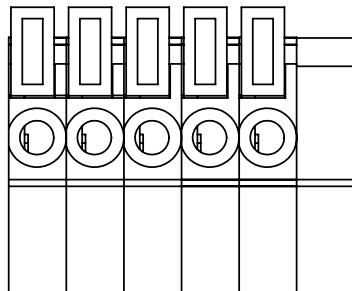
E

D

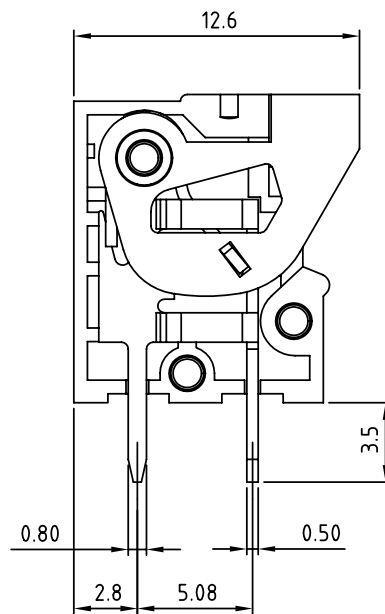
C

B

A



P.C.B. LAYOUT



Dimension

|       |                     |
|-------|---------------------|
| DIM A | $(N+1) \times 2.54$ |
| DIM B | $(N-1) \times 2.54$ |

N=Number of poles  $\triangle$ 

| POLES   | DIM A      | DIM B      |
|---------|------------|------------|
| 2p-8p   | $\pm 0.15$ | $\pm 0.15$ |
| 9p-12p  | $\pm 0.25$ | $\pm 0.25$ |
| 13p-18p | $\pm 0.30$ | $\pm 0.30$ |
| 19p-24p | $\pm 0.40$ | $\pm 0.40$ |

| SIGN        | DATE     | DESCRIPTION                                 | APPROVER |
|-------------|----------|---------------------------------------------|----------|
| $\triangle$ | 01/20'07 | The Soldering temperature from 245° to 250° | Aaron    |
| $\triangle$ | 10/29'08 | ADD Tolerance                               | Seamus   |

THIS IS CAD DRAWING, DO NOT REVISE MANUALLY!!!

## Material

- Terminal body (Contact pin): Brass
- Wire guard: Stainless steel
- Surface of solder tail: Tin plated
- Insulator (housing): Thermoplastic (UL94V-0)

## Electrical cULus

- Voltage rating: 150VAC
- Current rating: 2A
- Wire range:
- Solid wire(AWG): 20-26
- Stranded wire(AWG): 20-26
- Pull force:
- Screw:
- Wire strip length: 9-10mm
- Withstanding Voltage: 1.3KV
- Operating temperature: -40°C to +115°C
- Soldering temperature: 250°C $\pm 10^\circ\text{C}$ /5 Sec  $\triangle$
- Safety Approval:



HA xx 50 x 0 xxxx G

02 2 CONTACTS 2 Red 0000 Standard @ Logo  
03 3 CONTACTS 3 Orange 000A Standard ANY Logo  
... .. 5 Green(RAL6018/T) Any special item by  
24 24 CONTACTS 8 Grey(RAL7004/P) customer request,  
please contact sales  
department.

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|              |                      |                      |                     |                                                                                       |                                                                        |
|--------------|----------------------|----------------------|---------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| TITLE        |                      | HA-2.54mm 90° Series |                     |                                                                                       |                                                                        |
| PART NO.     | HAxx50x0xxxxG        |                      |                     | DWG NO.                                                                               | 8HA0501                                                                |
| APPROVED     | CHECKED              | DESIGNED             | DRAWN               | CUST NO.                                                                              | Tolerance                                                              |
|              | Seamus<br>2008.10.29 | Seamus<br>2008.10.29 | Aaron<br>2007.01.20 |  | X. $\pm 0.50$<br>X.X $\pm 0.30$<br>X.XX $\pm 0.10$<br>X° $\pm 1^\circ$ |
| SHEET: 01/01 |                      | REV: E               |                     | UNIT: mm<br>SCALE: NONE                                                               |                                                                        |

1

2

3

4

5

6

7