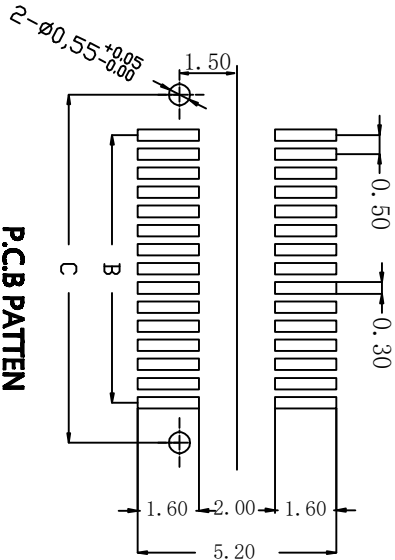
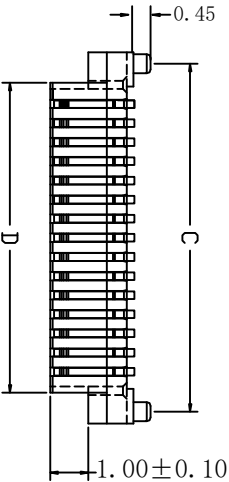
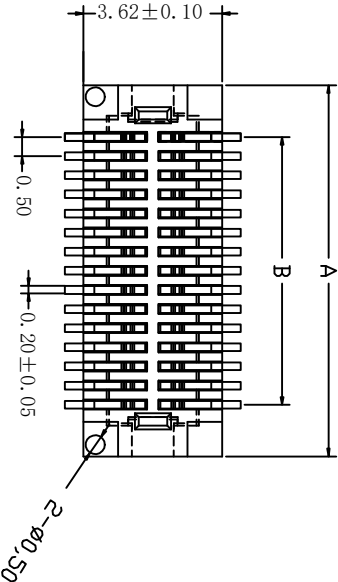
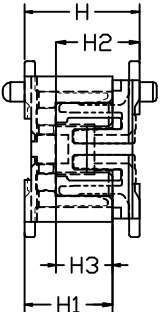
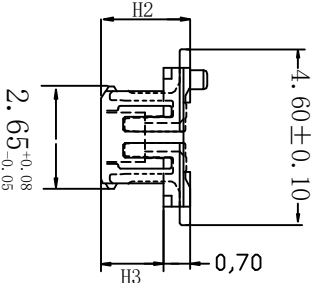


| High photosynthesis (H) | The female seat height (H1) | The male seat height (H2) | Insertion height (H3) |
|-------------------------|-----------------------------|---------------------------|-----------------------|
| 3.0±0.15                | 2.3±0.10                    | 2.2±0.10                  | 1.5±0.10              |



P.C.B PATTEN

Electrical:  
Voltage Rating:50V AC(rms)/DC  
Current Rating:0.5A AC(rms)/DC  
Contact Resistance:50mΩ Max  
Insulation Resistance:100 MΩ min  
Dielectric Withstanding Voltage:200V AC r.m.s  
Operating Temperature:-30℃~+80℃  
Materials  
Housing:High Temperature Plastic  
UL94V-0  
Terminal:Copper Alloy  
Material:PA9T NC  
Contact:phosphor Bronze, Gold Plating:



## ASSEMBLY

## Ordering Information

| NO. of Contacts | Dimension (mm) |        |        |        |
|-----------------|----------------|--------|--------|--------|
|                 | A±0.10         | B±0.10 | C±0.10 | D±0.10 |
| 10              | 4.70           | 2.00   | 4.10   | 3.10   |
| 20              | 7.20           | 4.50   | 6.60   | 5.60   |
| 30              | 9.70           | 7.00   | 9.10   | 8.10   |
| 40              | 12.20          | 9.50   | 11.60  | 10.60  |
| 50              | 14.70          | 12.00  | 14.10  | 13.10  |
| 60              | 17.20          | 14.50  | 16.60  | 15.60  |
| 80              | 22.20          | 19.50  | 21.60  | 20.60  |

SGD-05-M-XXXXP-22-G2 1

PITCH 05=0.5mm

M=male NO. of pins

F=female 010=10pin

020=20pin

030=30pin

040=40pin

050=50pin

060=60pin

080=80pin

The female or Male Contact Plating

GO:Gold flash

G1:1"U" Gold

G2:2U" Gold

BOSS

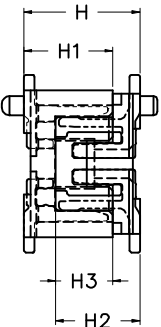
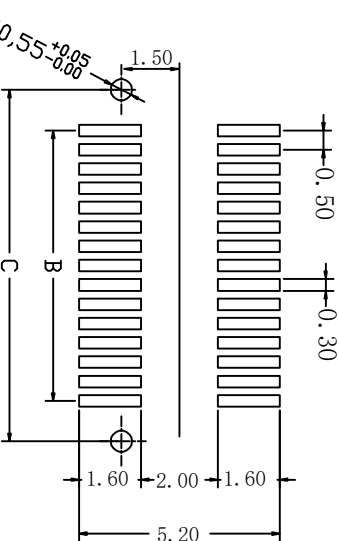
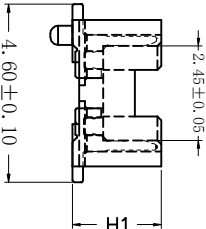
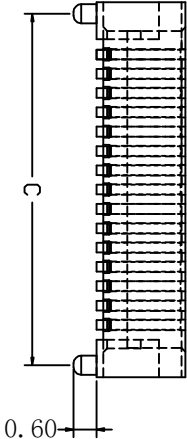
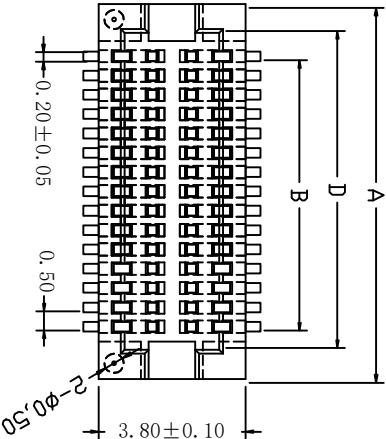
0=Without boss

1=With boss

| 单位   | M M          | 尺寸公差                    | 深圳市山谷道电子有限公司<br>SHENZHEN SHANGUDAO ELECTRONIC CO.,LTD |                      |      |                        |
|------|--------------|-------------------------|-------------------------------------------------------|----------------------|------|------------------------|
| 日期   | 24.10.12     | ±0.05<br>±0.10<br>±0.20 |                                                       |                      |      |                        |
| 比例   | 1:1          | 角度公差                    | 物料编号                                                  | SGD-05-M-XXXP-22-G21 | 品名   | 单槽0.5 BTB 公座H2.2 合高3.0 |
| 绘制   | YHB          | ±1°                     | 版本                                                    | A1                   | 包装规格 | 卷带1000PCS/R            |
| 校对   |              | ±0.5°                   | 审核                                                    | 郭子                   | 图号   | SGD-005                |
| 版次   | 增加10P (2x5P) | A1                      | 日期                                                    | 2024.10.12           |      |                        |
| 变更摘要 |              |                         |                                                       |                      |      |                        |

| High photos/sockets (H1) | The female seat height (H11) | The male seat height (H12) | Insertion height (H13) |
|--------------------------|------------------------------|----------------------------|------------------------|
| 3.0±0.15                 | 2.3±0.10                     | 2.2±0.10                   | 1.5±0.10               |

Electrical:  
Voltage Rating:50V AC(rms)/DC  
Current Rating:0.5A AC(rms)/DC  
Contact Resistance:50mΩ Max  
Insulation Resistance:100MΩ min  
Dielectric Withstanding Voltage:200V AC r.m.s  
Operating Temperature:-30℃~+80℃  
Materials  
Housing:High Temperature Plastic  
UL94V-0  
Terminal:Copper Alloy  
Material:PA9T NC  
Contact:phosphor Bronze,Gold Plating;



## ASSEMBLY

| NO. of Contacts | Dimension (mm) |        |        |        |  |
|-----------------|----------------|--------|--------|--------|--|
|                 | A±0.10         | B±0.10 | C±0.10 | D±0.10 |  |
| 10              | 4.70           | 2.00   | 4.10   | 3.20   |  |
| 20              | 7.20           | 4.50   | 6.60   | 5.70   |  |
| 30              | 9.70           | 7.00   | 9.10   | 8.20   |  |
| 40              | 12.20          | 9.50   | 11.60  | 10.70  |  |
| 50              | 14.70          | 12.00  | 14.10  | 13.20  |  |
| 60              | 17.20          | 14.50  | 16.60  | 15.70  |  |
| 80              | 22.20          | 19.50  | 21.60  | 20.70  |  |

## Ordering Information

SGD-05 - F - XXXP- 23 - G2 1

PITCH 05=0.5mm  
M=male F=female  
NO.of pins  
010=10pin  
020=20pin  
030=30pin  
040=40pin  
050=50pin  
060=60pin  
080=80pin  
The female or Male Contact Plating  
seat height  
GO/Gold flash  
G1:1U" Gold  
23=2.3mm  
G2:2U" Gold  
BOSS  
0=Without boss  
1=With boss

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