

High power terminal:  
Voltage current rating: 10~40A  
Contact resistance: 2.7mΩ max.

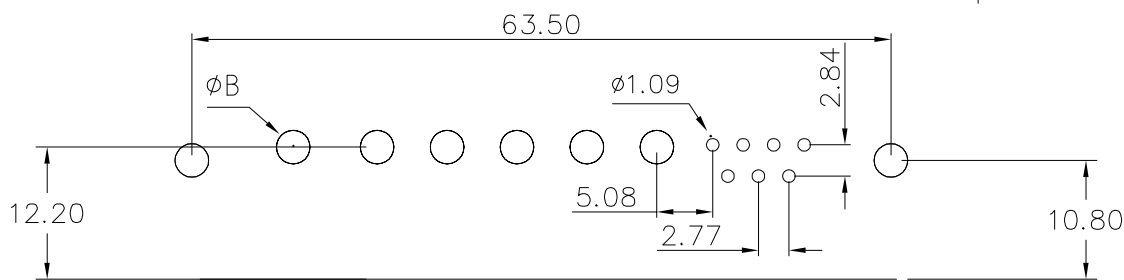
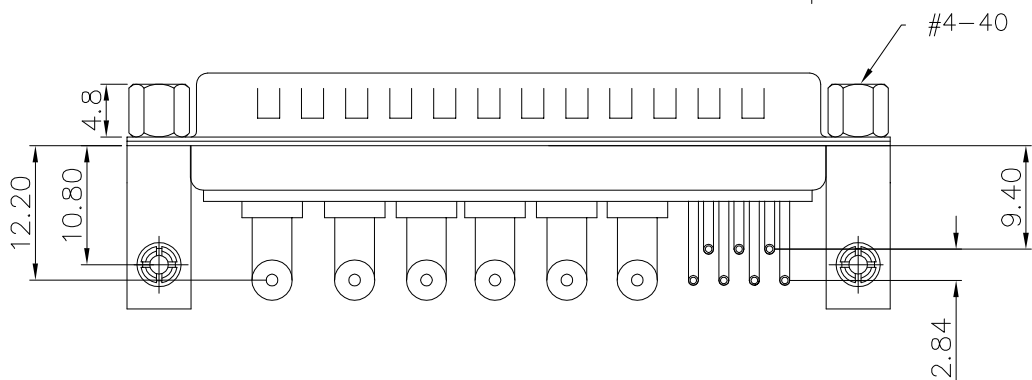
Signal terminal:  
Voltage current rating: 5A  
Contact resistance: 10mΩ max.

Withstanding voltage: 1000V AC  
Insulation resistance: 5000MΩ Min.  
Temperature range: -55°C to +125°C  
ROHS compliant

Part number:  
B08-AW6511XD-X1

Terminal plated: \_\_\_\_\_  
4: Au 2u"  
5: Au 1u"

Current rating: \_\_\_\_\_  
A: 10A, Dim. A  $\phi$ 1.70, Dim. B  $\phi$ 2.20  
B: 20A, Dim. A  $\phi$ 2.80, Dim. B  $\phi$ 3.30  
C: 30A, Dim. A  $\phi$ 3.20, Dim. B  $\phi$ 3.70  
D: 40A, Dim. A  $\phi$ 3.70 Dim. B  $\phi$ 4.20



PCB layout

| 7    | Screw       | Steel        | Palting: Ni           |
|------|-------------|--------------|-----------------------|
| 6    | Board lock  | Copper alloy | Palting: Sn           |
| 5    | Bracket     | Steel        | Palting: Ni           |
| 4    | Housing     | PBT+30%GF    | Color: black          |
| 3    | Rear shell  | SPCC         | Palting: Sn           |
| 2    | Front shell | SPCC         | Palting: Ni           |
| 1    | Terminal    | Copper alloy | Plating: see part no. |
| Item | Desc.       | Material     | Remark                |

|   |      |            |                       |                   |                   |                      |  |  |            |        |          |                 |             |  |
|---|------|------------|-----------------------|-------------------|-------------------|----------------------|--|--|------------|--------|----------|-----------------|-------------|--|
| A | △    |            |                       | QUALITY SYMBOLS   | Tolerance         | NAME:                | 13W6 male right angle, riveted bracket, lock screw |  |            |        | PART NO. | B08-AW6511XD-X1 |             |  |
|   | △    |            |                       | □:    ☒:          | .x    ±0.60       | REV:                 | A  | UNIT:  | mm         | DRW BY | CHK BY   | APP BY          | DRAWING NO. |  |
|   | △    | 2025/07/16 | First edition release | CRITICAL    MAJOR | .x    ±0.40       | SCALE:               | N:1  | DATE:  | 2025/07/16 | Yugong | Carl Hu  |                 | B08-161     |  |
|   | △    |            |                       | ▽:    ▽:          | .xx    ±0.25      |                      |  |  |            |        |          |                 |             |  |
|   | SIDE | DATE       | DESCRIPTION           | APPROVER          | ZERO DEFECT S.P.C | <b>东莞市林诚塑胶电子有限公司</b> |  | <a href="http://www.lineconn.com">http://www.lineconn.com</a><br>TEL: 0769-85181660 85181770 |            |        |          |                 |             |  |
|   | 8    | 7          | 6                     | 5                 | 4                 | 3                    | 2  | 1  |            |        |          |                 |             |  |