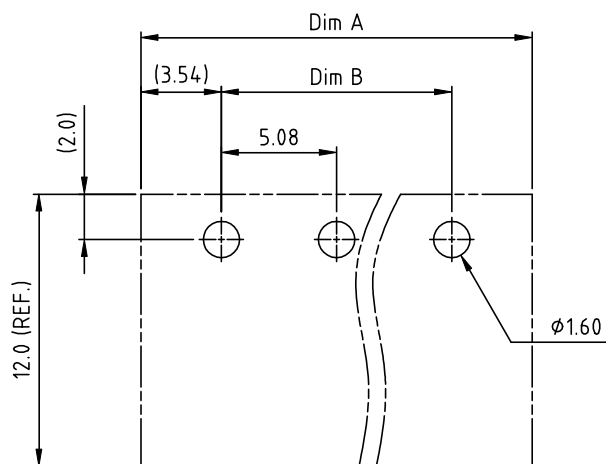
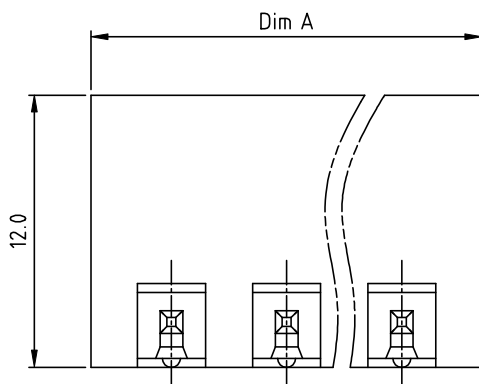
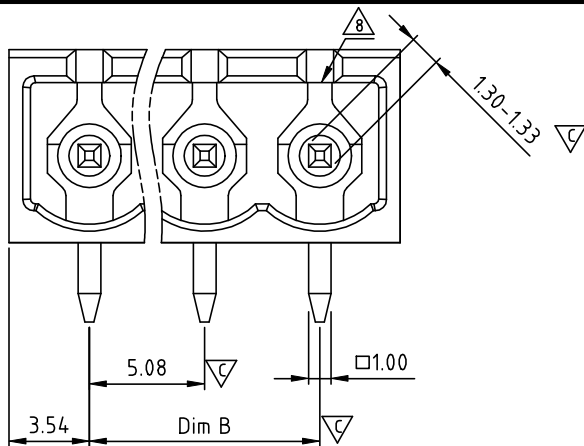
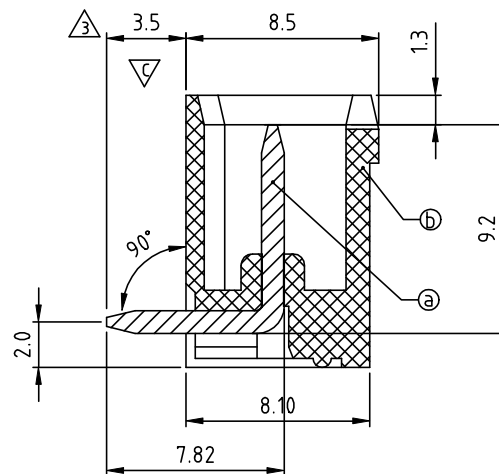




RECOMMENDED PCB LAYOUT



N = Number of poles

Dim A = (N x 5.08) + 2.0

Dim B = (N - 1) x 5.08

|        | Dim A | Dim B |
|--------|-------|-------|
| 2-6p   | ±0.15 | ±0.15 |
| 7-12p  | ±0.25 | ±0.25 |
| 13-18p | ±0.30 | ±0.30 |
| 19-24p | ±0.40 | ±0.40 |

| SIGN | DATE       | DESCRIPTION                                     | APPROVER |
|------|------------|-------------------------------------------------|----------|
| △    | 8/16'06    | Added VDE and TUV standard                      | Steady   |
| △    | 8/16'06    | Current rating (cULus) changed from 10A to 20A  | Steady   |
| △    | 1/20'07    | Dimension changed from 4.0 to 3.5               | Tony     |
| △    | 1/20'07    | Soldering temperature changed from 245° to 250° | Tony     |
| △    | 2009.10.21 | The material is changed from Brass to Copper    | Jacke    |
| △    | 2009.10.21 | The operating temperature is changed            | Jacke    |
| △    | 2009.10.21 | Remove the CSA certification                    | Jacke    |
| △    | 2010.03.23 | The design is changed                           | Jacke    |
| △    | 2012.11.14 | Change the electrical specification             | Chen Bo  |
| △    | 07/26-16   | Add the product number                          | Evan     |

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

Material:

- Item ③ Male contact pin: Copper Bright Tin plated over Nickel plated
- Item ④ Terminal(housing): Thermoplastic (UL 94 V-0)

- ⑦ ① Electrical: cULus /VDE /TUV
- Voltage rating: 300V/300V/300V
- ② ● Current rating: 20A/20A/20A
- Withstanding Voltage: 16 KV/2.5KV/2.5KV
- ⑥ ● Operating temperature: -40°C to +115°C
- ⑤ ④ ● Soldering temperature: 260°C±5°C/5 Sec
- Safety Approval: cULus VDE TÜV
- Critical dimension: ∇

OQ xx 5 4 x 1 xxxx G

No. OF POLES

02: 2 POLES

:

24: 24 POLES

COLOR

- 0 Black (RAL9005)
- 2 Red (RAL3001/D)
- 3 Orange (RAL2011/P)
- 4 Yellow (RAL1018/A)
- 5 Green (RAL6018/T)
- 6 Blue (RAL5015/A)
- 8 Grey (RAL7035/D)
- 9 White (RAL1102)
- C Green (RAL6018/U)

G RoHS compliant  
(lead<4%)  
In copper Alloy

0000: "@" Logo (Standard)  
000A: "ANYTEK" Mark  
0091: "ANYTEK" Mark  
Any special item by  
customer request.  
please contact sales  
department.

**Amphenol**  
**ANYTEK**

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|          |               |                                    |                     |              |            |
|----------|---------------|------------------------------------|---------------------|--------------|------------|
| TITLE    |               | OQ 5.08mm 90° /Close Series 2p-24p |                     |              |            |
| PART NO. | OQxx54x1xxxxG |                                    |                     | DWG NO.      | 80Q0704    |
| APPROVED | CHECKED       | DESIGNED                           | DRAWN               | CUST NO.     |            |
|          |               | Evan<br>07/26-16                   | Chen Bo<br>11/14`12 |              | Tolerance  |
|          |               |                                    |                     |              | X. ±0.50   |
|          |               |                                    |                     |              | X.X ±0.30  |
|          |               |                                    |                     | SHEET: 01/01 | X.XX ±0.10 |
|          |               |                                    |                     | REV.: K      | X° ±1°     |