

RoHS Compliant

| REV | SIGN | DATE | DESCRIPTION                                    | APPROVER |
|-----|------|------|------------------------------------------------|----------|
|     |      |      | THIS IS CAD DRAWING, DO NOT REVISE MANUALLY!!! |          |

## Material

- Item① Terminal (housing): PA46 (UL94V-0)
- Item② Contact pin: Brass, Bright Tin plated over Nickel plated

## Electrical cULus (Group B/D)

- Voltage rating: 300V / 300V
- Current rating: 15A / 10A
- Withstanding Voltage: 1.6KV
- Operating temperature: -40°C to +120°C
- Reflow soldering temperature: 260°C/10 Sec max
- UL Category Control Number: XCFR2/XCFR8
- Safety approval: cULus

PF xx 0 0 x 0 xxxx G

No. OF POLES

02: 2 POLES

08: 08 POLES

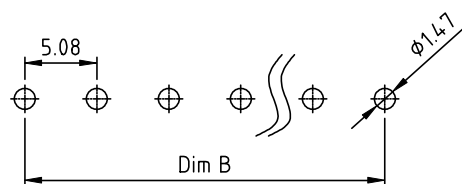
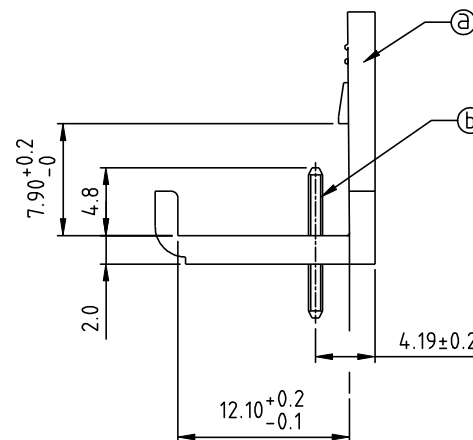
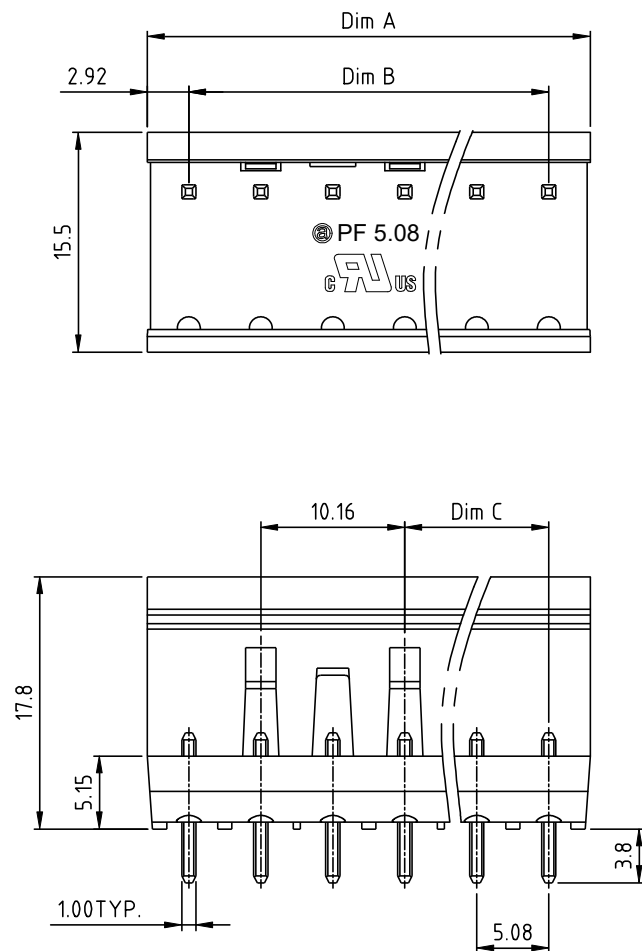
Color

0 Black (RAL9005)

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

0000 "①" Logo

Any special item by  
customer request,  
please contact sales  
department



RECOMMENDED PCB LAYOUT

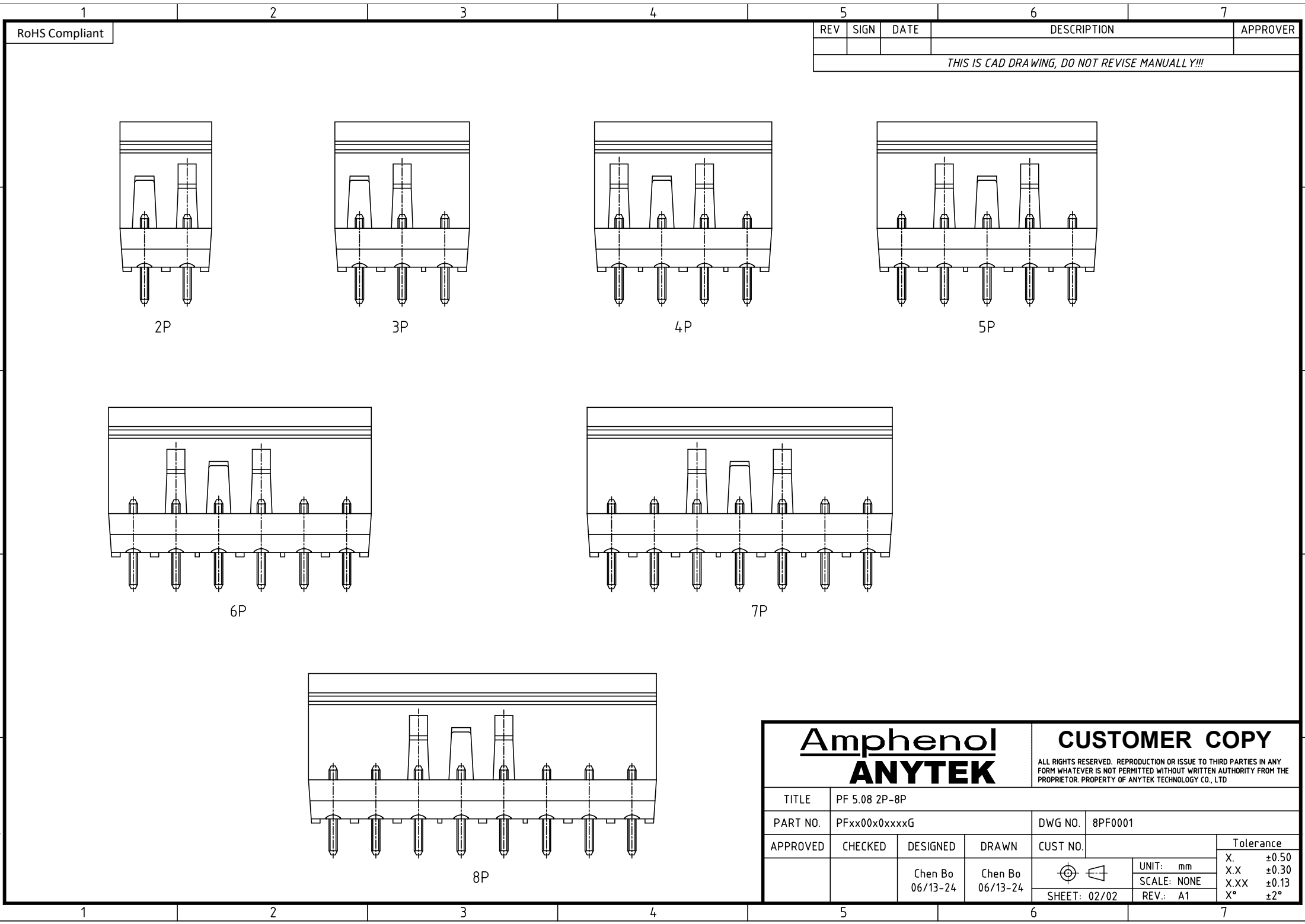
| Poles | Dim A | TOL   | Dim B | TOL   | Dim C | TOL   |
|-------|-------|-------|-------|-------|-------|-------|
| 2P    | 10.92 | ±0.25 | 5.08  | ±0.20 | N/A   | ±0.20 |
| 3P    | 16.00 | ±0.25 | 10.16 | ±0.20 | 5.08  | ±0.20 |
| 4P    | 21.08 | ±0.25 | 15.24 | ±0.20 | 5.08  | ±0.20 |
| 5P    | 26.16 | ±0.25 | 20.32 | ±0.20 | 5.08  | ±0.20 |
| 6P    | 31.24 | ±0.30 | 25.40 | ±0.20 | 10.16 | ±0.20 |
| 7P    | 36.32 | ±0.30 | 30.48 | ±0.25 | 10.16 | ±0.20 |
| 8P    | 41.40 | ±0.30 | 35.56 | ±0.25 | 15.24 | ±0.20 |

**Amphenol**  
**ANYTEK**

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|          |               |                     |                     |                                                                                       |             |         |            |          |
|----------|---------------|---------------------|---------------------|---------------------------------------------------------------------------------------|-------------|---------|------------|----------|
| TITLE    | PF 5.08 2P-8P |                     |                     |                                                                                       |             |         |            |          |
| PART NO. | PFxx00x0xxxxG |                     |                     |                                                                                       | DWG NO.     | 8PF0001 |            |          |
| APPROVED | CHECKED       | DESIGNED            | DRAWN               | CUST NO.                                                                              |             |         | Tolerance  |          |
|          |               | Chen Bo<br>06/13-24 | Chen Bo<br>06/13-24 |  |             |         | UNIT: mm   | X. ±0.50 |
|          |               |                     |                     |                                                                                       | SCALE: NONE |         | X.X ±0.30  |          |
|          |               |                     |                     | SHEET: 01/02                                                                          | REV.: A0    |         | X.XX ±0.13 |          |
|          |               |                     |                     |                                                                                       |             |         | X° ±2°     |          |



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| Amphenol<br>ANYTEK                                                                                                                                                                      |               |                     |                     | CUSTOMER COPY                                                                         |             |      |           |
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| FILE                                                                                                                                                                                    | PF 5.08 2P-8P |                     |                     |                                                                                       |             |      |           |
| PART NO.                                                                                                                                                                                | PFxx00x0xxxxG |                     |                     | DWG NO.                                                                               | 8PF0001     |      |           |
| APPROVED                                                                                                                                                                                | CHECKED       | DESIGNED            | DRAWN               | CUST NO.                                                                              |             |      | Tolerance |
|                                                                                                                                                                                         |               | Chen Bo<br>06/13-24 | Chen Bo<br>06/13-24 |  | UNIT: mm    | X.   | ±0.50     |
|                                                                                                                                                                                         |               |                     |                     |                                                                                       | SCALE: NONE | X.X  | ±0.30     |
|                                                                                                                                                                                         |               |                     |                     |                                                                                       |             | X.XX | ±0.13     |
|                                                                                                                                                                                         |               |                     |                     | SHEET: 02/02                                                                          | REV.: A1    | X°   | ±2°       |