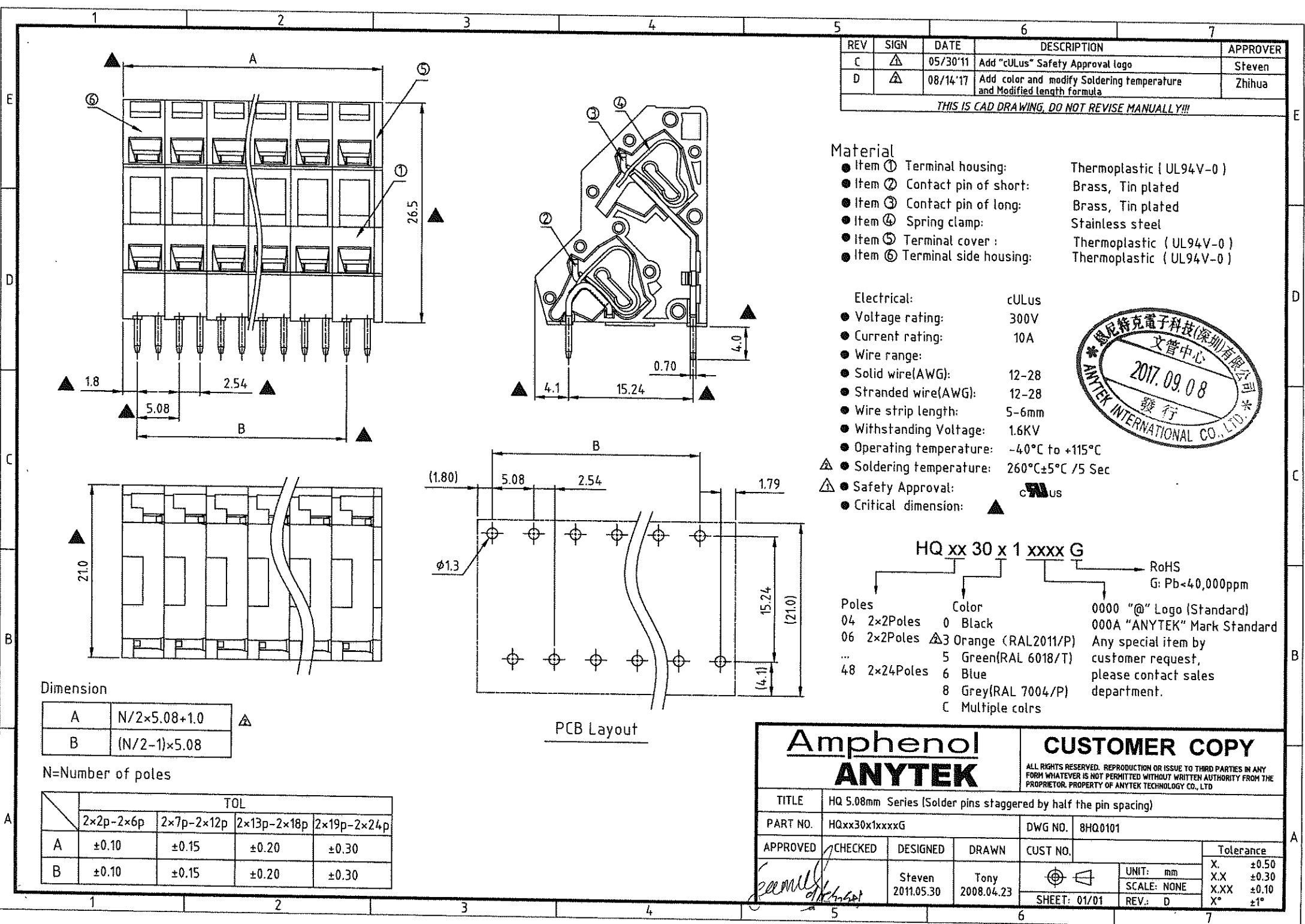




| REV | SIGN | DATE     | DESCRIPTION                                                            | APPROVER |
|-----|------|----------|------------------------------------------------------------------------|----------|
| C   | △    | 05/30'11 | Add "cULus" Safety Approval logo                                       | Steven   |
| D   | △    | 08/14'17 | Add color and modify Soldering temperature and Modified length formula | Zhihua   |

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

- Material
- Item ① Terminal housing: Thermoplastic ( UL94V-0 )
  - Item ② Contact pin of short: Brass, Tin plated
  - Item ③ Contact pin of long: Brass, Tin plated
  - Item ④ Spring clamp: Stainless steel
  - Item ⑤ Terminal cover : Thermoplastic ( UL94V-0 )
  - Item ⑥ Terminal side housing: Thermoplastic ( UL94V-0 )

- Electrical: cULus
- Voltage rating: 300V
  - Current rating: 10A
  - Wire range:
  - Solid wire(AWG): 12-28
  - Stranded wire(AWG): 12-28
  - Wire strip length: 5-6mm
  - Withstanding Voltage: 1.6KV
  - Operating temperature: -40°C to +115°C
  - Soldering temperature: 260°C±5°C / 5 Sec
  - Safety Approval: cULus
  - Critical dimension: ▲



HQ xx 30 x 1 xxxx G

RoHS  
G: Pb<40,000ppm

Poles  
04 2x2Poles  
06 2x2Poles  
...  
48 2x24Poles

Color  
0 Black  
3 Orange (RAL2011/P)  
5 Green(RAL 6018/T)  
6 Blue  
8 Grey(RAL 7004/P)  
C Multiple colrs

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

Dimension

|   |                         |
|---|-------------------------|
| A | $N/2 \times 5.08 + 1.0$ |
| B | $(N/2 - 1) \times 5.08$ |

N=Number of poles

|   | TOL       |            |             |             |
|---|-----------|------------|-------------|-------------|
|   | 2x2p-2x6p | 2x7p-2x12p | 2x13p-2x18p | 2x19p-2x24p |
| A | ±0.10     | ±0.15      | ±0.20       | ±0.30       |
| B | ±0.10     | ±0.15      | ±0.20       | ±0.30       |

PCB Layout

**Amphenol**  
**ANYTEK**

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|                                                                        |         |                    |       |
|------------------------------------------------------------------------|---------|--------------------|-------|
| TITLE HQ 5.08mm Series (Solder pins staggered by half the pin spacing) |         |                    |       |
| PART NO. HQxx30x1xxxxG                                                 |         | DWG NO. 8HQ0101    |       |
| APPROVED                                                               | CHECKED | DESIGNED           | DRAWN |
| Steven<br>2011.05.30                                                   |         | Tony<br>2008.04.23 |       |
| SHEET: 01/01                                                           |         | Tolerance          |       |
|                                                                        |         | UNIT: mm           |       |
|                                                                        |         | SCALE: NONE        |       |
|                                                                        |         | REV: D             |       |
|                                                                        |         | X. ±0.50           |       |
|                                                                        |         | X.X ±0.30          |       |
|                                                                        |         | X.XX ±0.10         |       |
|                                                                        |         | X* ±1°             |       |