



RECOMMENDED PCB LAYOUT

N = Number of poles  
 Dim A =  $N \times 5.08$   
 Dim B =  $(N-1) \times 5.08$

	Dim A	Dim B
2-6p	$\pm 0.15$	$\pm 0.10$
7-12p	$\pm 0.25$	$\pm 0.15$
13-18p	$\pm 0.30$	$\pm 0.20$
19-24p	$\pm 0.40$	$\pm 0.30$

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
△	2010.03.22	The design is changed	Jacke
△	2013.06.13	update the drawing	Chen Bo

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

Material:

- △ Item ③ Male contact pin: Copper, Tin plated
- Item ④ Terminal(housing): PBT(UL94 V-0)

- △ ① Electrical: cULus /VDE /TUV
- Voltage rating: 300V/300V/300V
- △ ② ● Current rating: 20A/20A/20A
- Withstanding Voltage: 1.6 KV/2.5KV/2.5KV
- △ ⑥ ● Operating temperature: -40°C to +115°C
- △ ④ ● Soldering temperature: 260°C±5°C/5 Sec
- Safety Approval:
- Critical dimension: ▽

OQ xx 5 3 x 1xxxx 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  
 Any special item by customer request. please contact sales department.

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TITLE		OQ 5.08mm 90° /Open Series 2p-24p					
PART NO.		OQxx53x1xxxxG			DWG NO.		80Q0702
APPROVED		CHECKED		DESIGNED		DRAWN	
		Chen Bo 06/13'13		Chen Bo 06/13'13		CUST NO.	
						Tolerance	
						X. ±0.50	
						X.X ±0.30	
						X.XX ±0.10	
						X° ±1°	
				SHEET: 01/01		UNIT: mm	
						SCALE: NONE	
						REV.: J	