



RECOMMENDED PCB LAYOUT

DIMENSION

A	(N-1)×3.5+4.90	△
B	(N-1)×3.5	

N= NUMBER OF CONCATS

Poles	Tolerance
2P-6P	±0.15
7P-12P	±0.20
13P-18P	±0.25
19P-24P	±0.30

SIGN	DATE	DESCRIPTION	APPROVER
△	10/20'05	Dim changed from 3.8 to 3.5	Marvin
△	04/20'06	Added feature	Marvin
△	8/16'06	Added VDE standard	Steady
△	1/11'07	Soldering temperature changed from 245° to 250°	Tony
△	5/27'08	Operating temperature is changed	Marvin
△	3/17'09	The dimensions is changed from 2.3mm to 2.5mm	Jacke
△	2009.08.18	The material is changed	Jacke
△	2011.03.16	The dimensions is changed from 2.5mm to 2.45mm	Aaron
△	2012.05.14	Voltage rating is changed	Chen Bo

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

Material:

- △ Item ① Male contact pin: Copper Tin plated
- Item ② Terminalhousing): Thermoplastic (UL94V-0)

- △ Electrical: cULus /VDE
- △ ● Voltage rating: 300V/300V
- Current rating: 10A/10.5A
- Withstanding Voltage: 1.6 KV/2.5KV
- △ ● Operating temperature: -40°C to +115°C
- △ ● Soldering temperature: 250°C±10°C/5 Sec
- Safety Approval: cULus VDE
- Critical dimension: △

OQ xx 1 2 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)

G RoHS compliant (lead<4%) In copper Alloy  
0000: "@ " Logo  
000A: "ANYTEK" Logo  
Any special item by customer request. please contact sales department.

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TITLE	OQ 3.5mm Series 90° (2P-24P) Triangle Key Lock				
PART NO.	OQxx12x1xxxxG			DWG NO.	80Q.04.02
APPROVED	CHECKED	DESIGNED	DRAWN	CUST NO.	Tolerance
		Chen Bo 05/14'12	Chen Bo 05/14'12		X. ±0.50 X.X ±0.30 X.XX ±0.10 X° ±1°
				SHEET: 01/01	REV.: L