



RECOMMENDED PCB LAYOUT

DIMENSION

A	$(N-1) \times 3.5 + 4.90$	⚠
B	$(N-1) \times 3.5$	

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 ⓐ Male contact pin: Copper Tin plated
- Item ⓑ 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				DWG NO.	80Q.04.02		
PART NO.	OQxx12x1xxxxG			CUST NO.				
APPROVED	CHECKED	DESIGNED	DRAWN			Tolerance		
		Chen Bo 05/14'12	Chen Bo 05/14'12			X.	±0.50	
						X.X	±0.30	
						UNIT: mm	X.XX	±0.10
				SHEET: 01/01		SCALE: NONE	X°	±1°
				REV.: L				

Mouser Electronics

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Amphenol:

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