

RECOMMENDED PCB LAYOUT

DIMENSION

A	$(N-1) \times 3.81 + 5.0$
B	$(N-1) \times 3.81$

N= number of poles

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

SIGN	DATE	DESCRIPTION	APPROVER
△	04/20'06	Added feature	Marvin
△	8/16'06	Added VDE standard	Steady
△	1/12'07	Soldering temperature changed from 245° to 250°	Tony
△	5/27'08	Operating temperature is changed	Marvin
△	2009.08.18	The material is changed	Jacke
△	2010.07.07	Remove the CSA mark	Chen Bo
△	2010.12.21	Dim changed from 2.6 to 2.5	Runner
△	2012.05.22	Voltage rating is changed	Chen Bo
△	2012.06.04	The color is added	Chen Bo

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

Material:

- ⑤ ● Item ⑤ Male contact pin: Copper Tin plated
- Item ⑥ Terminalhousing: Thermoplastic (UL94V-0)

- Electrical: cULus /VDE
- ⑧ ● Voltage rating: 300V/300V
- Current rating: 10A/10.5A
- Withstanding Voltage: 1.6 KV/2.5KV
- ④ ● Operating temperature: -40°C to +115°C
- ③ ● Soldering temperature: 250°C±10°C/5 Sec
- ⑥ ● Safety Approval: cULus VDE
- Critical dimension: ∇

OQ xx 3 2 x 0 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)
- ⑨ C Green(RAL6018/U)


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

0000: "@" Logo
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TITLE				OQ 3.81mm Series 180° (2P-24P) Triangle Key Lock				
PART NO.		OQxx32x0xxxxG		DWG NO.		80Q0601		
APPROVED	CHECKED	DESIGNED	DRAWN	CUST NO.		Tolerance		
		Chen Bo	Chen Bo			X.	± 0.50	
		06/04`12	05/14`12			X.X	± 0.30	
				SHEET: 01/01		UNIT: mm	X.XX	± 0.10
						SCALE: NONE	X°	$\pm 1°$
						REV.: N		

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