



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 |
|------|------------|---|----------|
| ⚠ | 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 |
| ⚠ | 2009.7.8 | The dimensions is changed from 2.3mm to 2.5mm | Jacke |
| ⚠ | 2009.08.18 | The material is changed | Jacke |
| ⚠ | 2010.07.07 | Remove the CSA mark | Chen Bo |
| ⚠ | 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:
 - Critical dimension: ⚠

OQ xx 1 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)

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

| | | | | | | | |
|--|---------|---------------------|---------------------|----------------------|-------------|------------|--|
| ANYTEK | | | | CUSTOMER COPY | | | |
| | | | | | | | |
| TITLE: OQ 3.5mm Series 180° (2P-24P) Triangle Key Lock | | | | | | | |
| PART NO. OQxx12x0xxxxG | | | DWG NO. 80Q.04.01 | | | | |
| APPROVED | CHECKED | DESIGNED | DRAWN | CUST NO. | Tolerance | | |
| | | Chen Bo 05/14'12 | Chen Bo 05/14'12 | | UNIT: mm | X. ±0.50 | |
| | | | | | SCALE: NONE | X.X ±0.30 | |
| | | | | | REV.: M | X.XX ±0.10 | |
| | | | | | | X° ±1° | |
| SHEET: 01/01 | | | | | | | |