

1

2

3

4

5

6

7

E

D

C

B

A

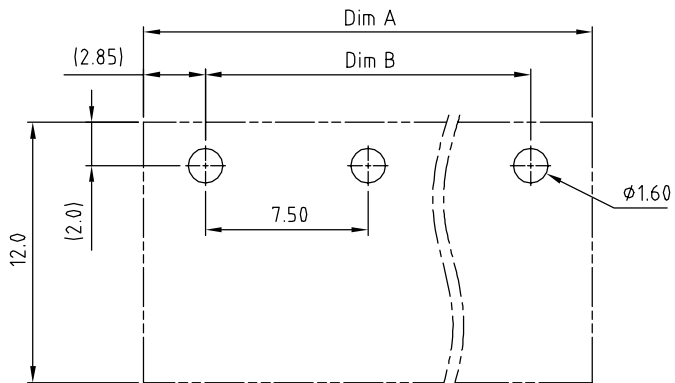
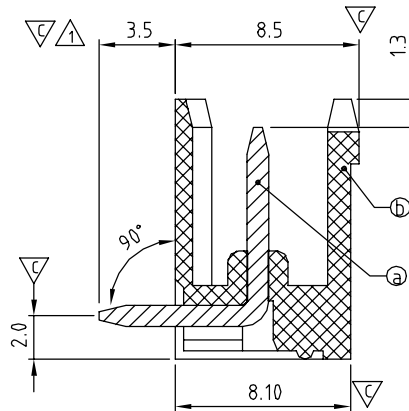
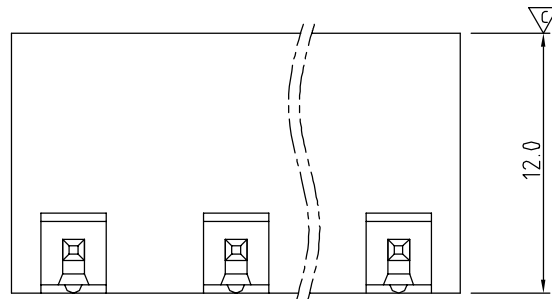
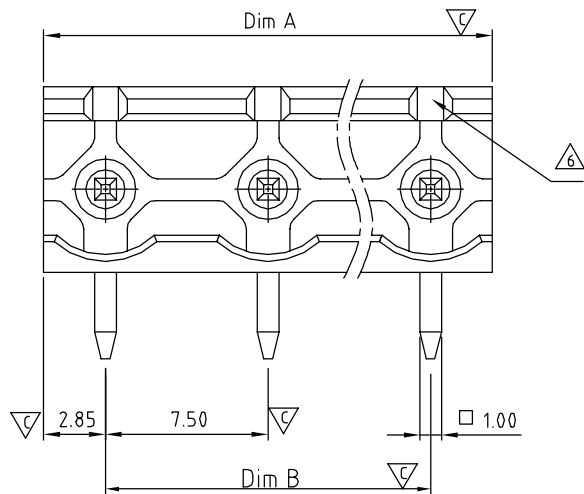
E

D

C

B

A



RECOMMENDED PCB LAYOUT

DIMENSION

Dim A	(N-1)X7.5+5.7
Dim B	(N-1)X7.5

N= NUMBER OF CONCATS

Poles	Tolerance
2P-6P	±0.20
7P-12P	±0.30
13P-16P	±0.40

SIGN	DATE	DESCRIPTION	APPROVER
△	1/26'07	Dimension changed from 4.0 to 3.5	Tony
△	1/26'07	Soldering temperature changed from 245° to 250°	Tony
△	4/08'09	Added UL And TUV standard	Jacke
△	4/08'09	Add the tolerance table	Jacke
△	2009.10.21	The material is changed from Brass to Copper	Jacke
△	2010.12.08	The design is changed	Chen Bo
△	2012.08.22	The color is added	Chen Bo
△	2012.08.22	Changed from 250°C±10°/5 Sec to 260°C±5°C/5 Sec	Chen Bo
THIS IS CAD DRAWING, DO NOT REVISE MANUALLY!!!			

Material:

- Item ③ Male contact pin: Copper Tin plated
- Item ④ Terminal (housing): Thermoplastic (UL94V-0)

Electrical:

cULus TUV

- Voltage rating: 300V 750V
- Current rating: 20A 15A
- Withstanding Voltage: 1.6 KV 6KV
- Operating temperature: -40°C to +115°C
- Soldering temperature: 260°C±5°C/5 Sec
- Safety Approval:
- Critical dimension:

OQ xx A 0 x 1 xxxx G

No. OF POLES
02: 2 POLES

16: 16 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)
- 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 7.5mm 90° /Open Series 2p-16p					
PART NO.	OQxxA0x1xxxxG			DWG NO.	80Q0803	
APPROVED	CHECKED	DESIGNED	DRAWN	CUST NO.		
		Chen Bo 08/22'12	Chen Bo 08/22'12		UNIT: mm	X. ±0.50
					SCALE: NONE	X.X ±0.30
					SHEET: 01/01	X.XX ±0.10
					REV: G	X° ±1°

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Amphenol:

<u>OQ02A0510000G</u>	<u>OQ03A0510000G</u>	<u>OQ04A0510000G</u>	<u>OQ05A0510000G</u>	<u>OQ06A0510000G</u>	<u>OQ07A0510000G</u>
<u>OQ08A0510000G</u>	<u>OQ09A0510000G</u>	<u>OQ10A0510000G</u>	<u>OQ11A0510000G</u>	<u>OQ12A0510000G</u>	<u>OQ13A0510000G</u>
<u>OQ14A0510000G</u>	<u>OQ15A0510000G</u>	<u>OQ16A0510000G</u>	<u>OQ05A0010000G</u>	<u>OQ06A0810000G</u>	<u>OQ05A0810000G</u>
<u>OQ07A0010000G</u>	<u>OQ06A0010000G</u>	<u>OQ03A0810000G</u>	<u>OQ04A0010000G</u>	<u>OQ02A0010000G</u>	<u>OQ04A0810000G</u>
<u>OQ03A0010000G</u>	<u>OQ02A0810000G</u>	<u>OQ16A0810000G</u>	<u>OQ16A0010000G</u>	<u>OQ13A0010000G</u>	<u>OQ15A0810000G</u>
<u>OQ14A0010000G</u>	<u>OQ15A0010000G</u>	<u>OQ08A0010000G</u>	<u>OQ12A0810000G</u>	<u>OQ13A0810000G</u>	<u>OQ14A0810000G</u>
<u>OQ10A0010000G</u>	<u>OQ11A0010000G</u>	<u>OQ11A0810000G</u>	<u>OQ12A0010000G</u>	<u>OQ10A0810000G</u>	<u>OQ09A0810000G</u>
<u>OQ08A0810000G</u>	<u>OQ07A0810000G</u>	<u>OQ09A0010000G</u>			