



PC Board Layout
Component Side Shown

NOTES:

MATERIAL:

- HOUSING MATERIAL: GLASS FILLED POYESTER UL94V-0.
 - CONTACT MATERIAL: PHOSPHOR BRONZE $t=0.3\text{mm}$
 - PLATING: SELECTING GOLD PLATING $1\mu\sim 50\mu$ OVER NICKEL IN CONTACT AREA. 150μ TIN PLATIN. OVER NICKEL IN SOLDER AREA
 - SHIELD: 0.2mm THICKNESS COPPER WITH NICKEL PLATEI
- ELECTRICAL
- VOLTAGE RATING: 125V AC RMS
 - CURRENT RATING: 1.5AMP
 - CONTACT RESISTANCE: 30 MILLIOHMS MAX
 - INSULATION RESISTANCE 500 MEGOHMS MIN @500V DC
 - DIELECTRIC WITHSTANDING RESISTANCE : 1000V AC RMS 50Hz. 1MIN

MECHANICAL

- DURRABILITY: 750 CYCLES MIN
- PCB RETENTTON PRB-SOLDER: 1 LB MIN

REVRONMENTAL

- STORAGE: -40°C TO 85°C
- OPERATION: 0°C TO 70°C

Order code:

ATRJ5921 - 8P - 8C - X - D - D - D

① ② ③ ④ ⑤ ⑥ ⑦

① SERIES NO:

② NUMBER OF POSITIONS (10P, 8P, 6P, 4P)

③ NUMBER OF CONTACTS (10C, 8C, 6C, 4C)

④ Contact Plating

- G0: Gold flash
- G1: 3U" Gold
- G2: 5U" Gold
- G3: 10U" Gold
- G4: 15U" Gold
- G5: 30U" Gold
- SN: Tin

⑤ Shield

- A: W/O Shield
- B: Half Shield
- C: Shield W/Eml
- D: Shield W/O Eml

- ⑥ Ports
- A: 1X1P
 - B: 1X2P
 - C: 1X4P
 - D: 1X5P
 - E: 1X6P
 - F: 1X8P

⑦ PCB layout style:

- A: TYPE 1 front legs 3.05
- B: TYPE 1 front legs 3.68
- C: TYPE 1 front legs 4.57
- D: TYPE 2 back legs 3.05
- E: TYPE 2 back legs 3.68
- F: TYPE 2 back legs 4.57

Unless Otherwise specified tolerance	
X. ± 0.35	X.XX: ± 0.20
X.X: ± 0.25	X.XXX: ± 0.15

Antenk® ANTENK ELECTRONICS CO., LTD
[Http://www.antenk.com](http://www.antenk.com)
 E-mail: sales@antenk.com

SCALE: As Shown	UNIT: mm
DRAW Wu Feng Rong	DATE 22/03/2018
CHECK BobYang	DATE 22/03/2018

TITLE:
RJ45 Jack side entry, shielded,
1X5P back 3.05 1X5P

DRAWING NO: ATRJ5921-8P8C-X-D-D-D

PRODUCT NO: ATRJ5921-8P8C-X-D-D-D



REV	DESCRIPTION	DATE
1		
2		
3		
4		
5		