

PC Board Layout
Component Side Shown

NOTES:
MATERIAL:

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

MECHANICAL

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

REIVIRONMENTAL

1. STORAGE: -40°C TO 85°C
2. OPERATION: 0°C TO 70°C

Order code:

ATRJ5921 - 10P - 10C - X - D - A - A

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

⑥ Ports

- A: 1X1P
- B: 1X2P
- C: 1X4P
- D: 1X5P
- E: 1X6P
- F: 1X8P
- G: 2X1P
- H: 2X2P
- I: 2X3P
- J: 2X4P
- K: 2X6P
- L: 2X8P

⑤ Shield

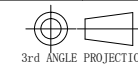
- A: W/O Shield
- B: Half Shield
- C: Shield W/Eml
- D: Shield W/O Eml

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

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



Antenk ANTENK ELECTRONICS CO., LTD
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TITLE: RJ45 Jack side entry, Shielded, 1X1P, Front3.05

DRAWING NO: ATRJ5921-10P10C-X-D-A-A

PRODUCT NO: ATRJ5921-10P10C-X-D-A-A

REV	DESCRIPTION	DATE
1		
2		
3		
4		
5		