

RECOMMENDED PCB LAYOUT
TOLERANCE: ±0.05

NOTES

1. MATERIAL:
 - A. PIN: BERYLLIUM COPPER
 - B. INSULATOR: 30% GLASS-FILLED THERMOPLASTIC LCP OR EQUIVALENT UL94V-0, BLACK.
2. FINISH: CONTACT: GOLD FLASH (1° MIN.) ALL OVER, 50-100 MICROINCH (1.27-2.54 MICRON) NICKEL UNDERPLATED ALL OVER
SOLDER TAB: 50-100 (1.27-2.54 MICRON) MICROINCH MATTE TIN, 10-100 MICROINCH (1.27-2.54 MICRON) NICK UNDERPLATED
3. ELECTRICAL SPECIFICATIONS:
 - VOLTAGE RATING: 250 VAC MIN
 - CURRENT RATING: 2.0 A MIN
 - DIELECTRIC STRENGTH: 1000 VAC FOR 1 MINUTE MIN
 - INSULATION RESISTANCE: 1000 MEG OHM MIN
 - CONTACT RESISTANCE: 30 MILLI OHM MAX
 - OPERATION TEMPERATURE: -55° C TO +125° C
 - PRODUCT WITHSTANDING REFLOW SOLDERING 260° FOR 10S
4. MECHANICAL SPECIFICATIONS:
 - 4.1 DURABILITY: 5,000 CYCLES
 - 4.2 NOTMAL FORCE AT MATED POSITION: 60g MIN
 - 4.3 NOTMAL FORCE AT FULL STROKE: 100g MIN
5. PARTS TO BE PACKAGED IN ANTI-STATIC TAPE AND REEL FOR AUTOMATIC PLACEMENT.
6. THE CAVITY# IS 0.8±0.10mm HIGH WITH 0.10±0.10mm RECESSED FROM SURFACE.

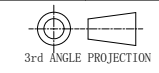
Ordering Code:

ABT14 - 03 - L - C - X - D
① ② ③ ④ ⑤ ⑥

- ① Series No:
- ② No. of Contacts
- ③ Insulator Material:
- ④ Pitch
- ⑤ Contact Plating:
- ⑥ Packing:

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 15/03/2020
CHECK BobYang DATE 15/03/2020



Antenk® ANTENK ELECTRONICS CO., LTD
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TITLE:
2.5mm Pitch 3P Battery Connector
DRAWING NO: ABT14-03LCXD
PRODUCT NO: ABT14-03LCXD

REV	DESCRIPTION	DATE