



RECOMMENDED PCBA LAYOUT
(TOLERANCE+/-0.05)

NOTE:

1.MATERIAL:

- 1.1 INSULATOR:LCP UL 94V-0
- 1.2 CONTACT:BRONZE(T=0.20mm)
- 1.3 SHELL:BRASS(T=0.30mm)

2.ELECTRICAL CHARACTERISTICS:

- 2.1 CONTACT RESISTANCE:30mΩ MAXIMUM
- 2.2 CONTACT CURRENT RATING:1.5A
- 2.3 DIELECTRIC WITHSTANDING VOLTAGE:100 V R.M.S.
- 2.4 INSULATION RESISTANCE 100 MEGOHMS MIN
- 2.5 OPERATING TEMPERATURE:-40°C ~ 85°C

3 MECHANICAL CHARACTERISTICS:

- 3.1 MATING FORCE:3.57kg MAX
- 3.2 UNMATED FORCE:1.02kg MIN
- 3.3 DURABILITY:MANDATORY:1500 CYCLES

4.PLATING

4.1 TERMINAL:

- 50u" MIN NICKEL ALL OVER
- 100u"MIN Tin ON SOLDER AREA
- (1~30)u"Au ON CONTACT AREA

4.2 SHELL:80u"MIN.NICEL ALL OVER

| | | | | | | | |
|----------|---------|--------------|----------------|-----------------------|---------------------------------------|------------|-------|
| | | new | | 2015/5/3 | A | | |
| ECN BO. | | DESCRIPTION. | | DATE. | REV. | | |
| DESIGNED | CHECKED | APPROVAL | DRAWING NUMBER | SCALT: 1/2 | | SCALE: 3:1 | |
| Mikey | Tom | Jerry | PART NAME | U233-031N-2W61-S | UNLESS OTHERWISE SPECIFIED,TOLERANCE: | X | ±0.25 |
| | | | MODEL NAME | U233-031N-2W61-S | | X.x | ±0.20 |
| | | | 3RD ANGLE PROJ | HANYONES TECH CO.,LTD | | X.xx | ±0.15 |
| | | | | | | ANGULAR | ±3' |
| | | | | | | FILE. NO. | |

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