

Reconnended P.C.Board

Hole Layout

MATERIALS:

- (1) HOUSING:
HI-TEMP.PLASTIC(94V-0)
- (2) CONTACT:
COPPER ALLOY(t=0.2mm)
PLATING GOLD OVER NICKEL

SPECIFICATION:

- (1) CURRENT RATING: 0.5A MAX
- (2) INSULATION RESISTANCE:
1000 M MINAT 500V DC.
- (3) DIELECTRIC WITHSTANDING VOLTAGE:
150V(r.m.s) AC AT 0.5mA FOR 1 MINUTE
- (4) CONTACT RESISTANCE: 50m MAX.
- (5) OPERATING TEMPERATURE:
-40°C~+105°C
- (6) MAX. PROCESSING TEMP:
230°C FOR 30 ~ 60 SECONDS

| Circuits | Dimension | | |
|----------|-----------|-------|-------|
| | A | B | C |
| 10 | 5.50 | 3.40 | 2.00 |
| 12 | 6.00 | 3.90 | 2.50 |
| 14 | 6.50 | 4.40 | 3.00 |
| 16 | 7.00 | 4.90 | 3.50 |
| 18 | 7.50 | 5.40 | 4.00 |
| 20 | 8.00 | 5.90 | 4.50 |
| 22 | 8.50 | 6.40 | 5.00 |
| 24 | 9.00 | 6.90 | 5.50 |
| 26 | 9.50 | 7.40 | 6.00 |
| 28 | 10.00 | 7.90 | 6.50 |
| 30 | 10.50 | 8.90 | 7.00 |
| 32 | 11.00 | 8.90 | 7.50 |
| 34 | 11.50 | 9.40 | 8.00 |
| 36 | 12.00 | 9.90 | 8.50 |
| 38 | 12.50 | 10.40 | 9.00 |
| 40 | 13.00 | 10.90 | 9.50 |
| 42 | 13.50 | 11.40 | 10.00 |
| 44 | 14.00 | 11.90 | 10.50 |
| 46 | 14.50 | 12.40 | 11.00 |
| 48 | 15.00 | 12.90 | 11.50 |
| 50 | 15.50 | 13.40 | 12.00 |
| 52 | 16.00 | 13.90 | 12.50 |
| 54 | 16.50 | 14.40 | 13.00 |
| 56 | 17.00 | 14.90 | 13.50 |
| 58 | 17.50 | 15.40 | 14.00 |
| 60 | 18.00 | 15.90 | 14.50 |
| 62 | 18.50 | 16.40 | 15.00 |
| 64 | 19.00 | 16.90 | 15.50 |
| 66 | 19.50 | 17.40 | 16.00 |
| 68 | 20.00 | 17.90 | 16.50 |
| 70 | 20.50 | 18.40 | 17.00 |
| 72 | 21.00 | 18.90 | 17.50 |
| 74 | 21.50 | 19.40 | 18.00 |
| 76 | 22.00 | 19.90 | 18.50 |
| 78 | 22.50 | 20.40 | 19.00 |
| 80 | 23.00 | 20.90 | 19.50 |
| 82 | 23.50 | 21.40 | 20.00 |
| 84 | 24.00 | 21.90 | 20.50 |
| 86 | 24.50 | 22.40 | 21.00 |
| 88 | 25.00 | 22.90 | 21.50 |
| 90 | 25.50 | 23.40 | 22.00 |
| 92 | 26.00 | 23.90 | 22.50 |
| 94 | 26.50 | 24.40 | 23.00 |
| 96 | 27.00 | 24.90 | 23.50 |
| 98 | 27.50 | 25.40 | 24.00 |
| 100 | 28.00 | 25.90 | 24.50 |

| Mated Heigh | | PART NO. | H |
|-------------|--------|-----------------|------|
| 1.5mm | MALE | NP0519-P05X-xxx | 1.25 |
| | FEMALE | NP0519-S10X-xxx | 1.35 |
| 2.0mm | MALE | NP0519-P05X-xxx | 1.25 |
| | FEMALE | NP0519-S15X-xxx | 1.85 |
| 2.5mm | MALE | NP0519-P10X-xxx | 1.75 |
| | FEMALE | NP0519-S15X-xxx | 1.85 |
| 3.0mm | MALE | NP0519-P05X-xxx | 1.25 |
| | FEMALE | NP0519-S25X-xxx | 2.35 |

MORETHANALL
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Cable ASSEMBLIES

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RoHS Compliant

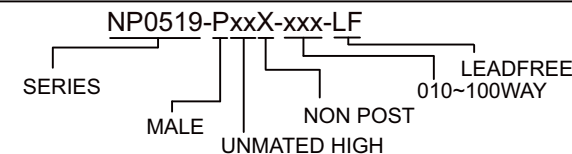
DRAWING BY CY
CHECKED BY GENIUS
UNIT/ mm SCALE 1:1
DATE
SIZE A4 PPROJECTION

TOLERANCES ARE

X, ±
.X ±
.XX ±
.XXX ±
ANG ±



ORDER INFORMATION



DESCRIPTION: 0.5mm Board to Board
Stacked Height 1.5~3.0mm Plug Type