

## SPECIFICATIONS

Current Rating: 3A AC, DC

Contact Resistance: 20m  $\Omega$  Max

Insulation Resistance: 1000M  $\Omega$  Min

Withstanding Voltage: 500V AC for 1 minute

Temperature Range: -40°C to +105°C

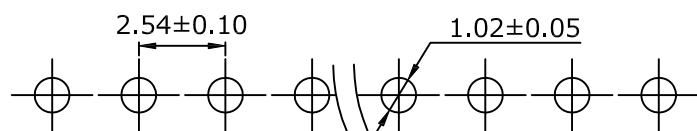
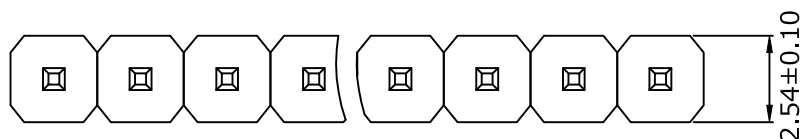
## MATERIAL

Contact: Brass

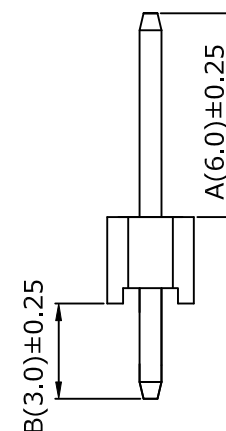
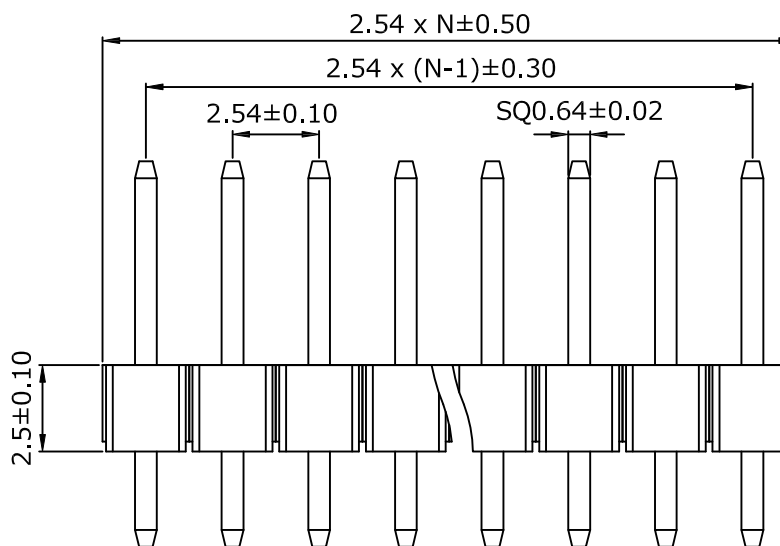
Insulator: NY9T+30% G.F., UL94V-0

## ORDER INFORMATION

|               |   |                                                                                                             |    |                                                                                                                           |   |                           |    |                                 |
|---------------|---|-------------------------------------------------------------------------------------------------------------|----|---------------------------------------------------------------------------------------------------------------------------|---|---------------------------|----|---------------------------------|
| P             | L | 25                                                                                                          | 25 | X                                                                                                                         | 7 | A/B                       | -1 | XX                              |
| Straight Type |   | Height=2.5mm                                                                                                |    | NY9T                                                                                                                      |   | Customer Design Dimension |    | No. of Contacts Per Row (02~50) |
| Pitch 2.54mm  |   | G0:Gold Flash<br>G1:Gold 3u"<br>G2:Gold 5u"<br>G3:Gold 10u"<br>G4:Gold 15u"<br>G5:Gold 30u"<br>T:Tin plated |    | S0:Selective Flash<br>S1:Selective 3u"<br>S2:Selective 5u"<br>S3:Selective 10u"<br>S4:Selective 15u"<br>S5:Selective 30u" |   | Single Row                |    |                                 |



RECOMMENDED PCB LAYOUT  
(PCB TOLERANCE  $\pm 0.05$ )



|             |                  |          |         |
|-------------|------------------|----------|---------|
| PART NO.    | PL2525X7 A/B-1XX | DRAWN    | Andrew  |
| DRAWING NO. | PL2525X7 A/B-1XX | CHECKED  | Claudia |
| DATE        | 2021/05/07       | APPROVED | Brian   |

|        |                           |      |    |           |                                 |       |     |      |    |
|--------|---------------------------|------|----|-----------|---------------------------------|-------|-----|------|----|
| TITLE: | Pin Header 2.54mm H=2.5mm | REV. | A0 | TOLERANCE | .X $\pm 0.25$<br>.XX $\pm 0.20$ | SCALE | 1:1 | UNIT | mm |
|--------|---------------------------|------|----|-----------|---------------------------------|-------|-----|------|----|