

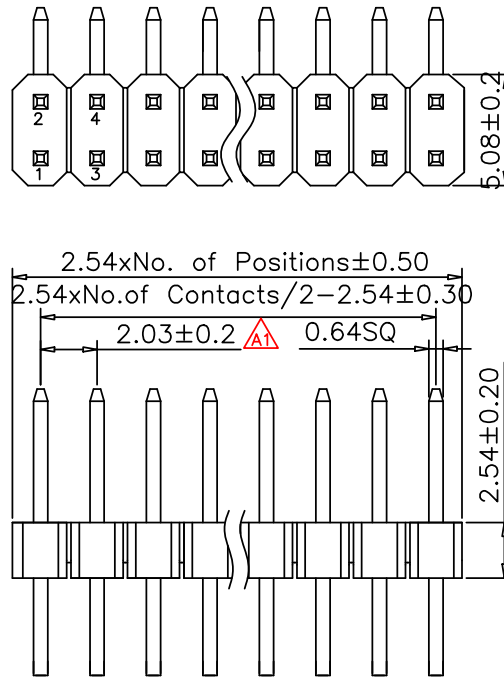
RoHS

### Specifications:

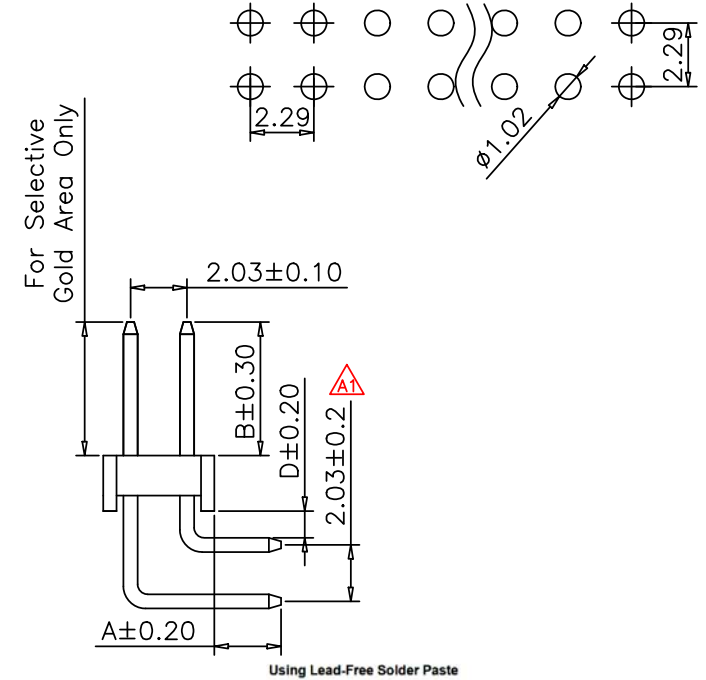
- Current Rating: 3.0AMP
- Contact Resistance: 20mΩ max
- Withstand Voltage: 600V AC/DC
- Insulation Resistance: 1000MΩ min
- Operation Temperature: -40℃ to +105℃

### Materials:

- Contact Material: Copper Alloy
- Insulator Material: PBT/PA6T(UL94V-0)



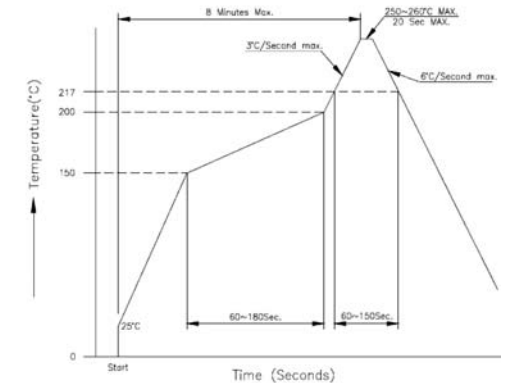
### Recommended P.C.B Layout(Top Side) (PCB BOARD TOLERANCE±0.05)



## Ordering Information

BT1125 2 \*\* \* \* \* 2 A84

| 2=Dual Row | No.of Pins                            | Contact Plating | Pin Length      | Insulation & Packing | Contact Shape |
|------------|---------------------------------------|-----------------|-----------------|----------------------|---------------|
| 02-80      | U=Gold Flash                          | See Table       | D=PBT + PE Bag  | 2=Right Angle        |               |
|            | X=10u"Gold                            |                 | L=PA6T + PE Bag |                      |               |
|            | W=15u"Gold                            |                 |                 |                      |               |
|            | S=Tin Plated                          |                 |                 |                      |               |
|            | F=Selective Gold Flash, Sn other area |                 |                 |                      |               |
|            | A=Selective 10u"Gold, Sn other area   |                 |                 |                      |               |



|     |             |                             |        |         |             |         |         |             |        |                                            |                                                 |
|-----|-------------|-----------------------------|--------|---------|-------------|---------|---------|-------------|--------|--------------------------------------------|-------------------------------------------------|
| A3  | Jul-10-2014 | Increase Insulator Material | —      | —       | OPERATION   | DRAW    | He ming | Aug-04-2025 | SCALE  | —                                          | <b>BMA TECHNOLOGIES LTD</b><br>TECHNOLOGIES LTD |
| A2  | Jan-3-2013  | Change Description          | —      | —       | X.X ±0.40   | DESIGN  |         |             | UNIT   | mm                                         |                                                 |
| A1  | Aug-9-2012  | Change Tolerance            | —      | —       | X.XX ±0.25  | CHECK   | Jack    | Aug-04-2025 | SIZE   | A4                                         |                                                 |
| AO  | Jan-9-2009  | NEW                         | —      | —       | X.XXX ±0.15 | APPROVE | CK      | Aug-04-2025 | SHEET  | 1/1                                        |                                                 |
| REV | DATE        | MODIFICATION DESCRIPTION    | CHANGE | APPROVE | Angle ± 3°  | DIM     | TOL     | PROJ.       | TITLE: | Pitch:2.54 Pin Header Dual Row 90° H=2.5mm |                                                 |

BT11252系列 Pin针长度对照表

| Item No | A     | B    | D    | Item No | A | B | D |
|---------|-------|------|------|---------|---|---|---|
| 01      | 3.00  | 6.20 | 1.50 |         |   |   |   |
| 02      | 22.23 | 1.27 | 2.22 |         |   |   |   |
| 03      | 22.23 | 2.30 | 2.22 |         |   |   |   |
| 04      | 3.00  | 5.86 | 1.50 |         |   |   |   |
| 05      | 2.54  | 8.08 | 1.20 |         |   |   |   |
| 06      | 1.28  | 8.08 | 1.20 |         |   |   |   |
| 07      | 1.03  | 8.08 | 1.20 |         |   |   |   |
| 08      | 3.00  | 7.00 | 1.04 |         |   |   |   |
| 09      | 3.00  | 6.00 | 1.86 |         |   |   |   |
| 10      | 3.05  | 5.84 | 1.58 |         |   |   |   |
| 11      | 2.90  | 6.75 | 0.88 |         |   |   |   |
| 12      | 3.00  | 6.00 | 1.20 |         |   |   |   |
| 13      | 3.20  | 5.90 | 1.22 |         |   |   |   |
| 14      | 2.29  | 5.84 | 1.20 |         |   |   |   |
| 15      | 4.80  | 3.98 | 0.14 |         |   |   |   |
| 16      | 3.00  | 6.00 | 1.10 |         |   |   |   |
| 17      | 5.10  | 8.10 | 1.24 |         |   |   |   |
| 18      | 3.30  | 6.10 | 1.04 |         |   |   |   |
| 19      | 3.00  | 6.00 | 0.88 |         |   |   |   |
| 20      | 2.29  | 5.56 | 1.18 |         |   |   |   |
| 21      | 3.00  | 6.00 | 1.18 |         |   |   |   |
| 22      | 7.82  | 5.82 | 1.20 |         |   |   |   |
| 23      | 2.29  | 5.84 | 0.88 |         |   |   |   |
| 24      | 3.00  | 5.86 | 1.18 |         |   |   |   |
| 25      | 3.00  | 6.00 | 1.70 |         |   |   |   |
| 26      | 3.00  | 6.26 | 1.18 |         |   |   |   |
| 27      | 2.79  | 6.10 | 2.29 |         |   |   |   |
| 28      | 2.80  | 6.10 | 2.30 |         |   |   |   |
| 29      | 3.00  | 8.00 | 4.04 |         |   |   |   |
| 30      | 3.00  | 3.00 | 4.00 |         |   |   |   |
| 31      |       |      |      |         |   |   |   |
| 32      |       |      |      |         |   |   |   |
| 33      |       |      |      |         |   |   |   |
| 34      |       |      |      |         |   |   |   |
| 35      |       |      |      |         |   |   |   |
| 36      |       |      |      |         |   |   |   |
| 37      |       |      |      |         |   |   |   |
| 38      |       |      |      |         |   |   |   |
| 39      |       |      |      |         |   |   |   |
| 40      |       |      |      |         |   |   |   |
| 41      |       |      |      |         |   |   |   |
| 42      |       |      |      |         |   |   |   |
| 43      |       |      |      |         |   |   |   |
| 44      |       |      |      |         |   |   |   |
| 45      |       |      |      |         |   |   |   |

备注: Item No列 01、02……n均表示料号BT11252xxx*01*x2xxx中粗斜体部分“01”,即Pin 长度,以此类推。