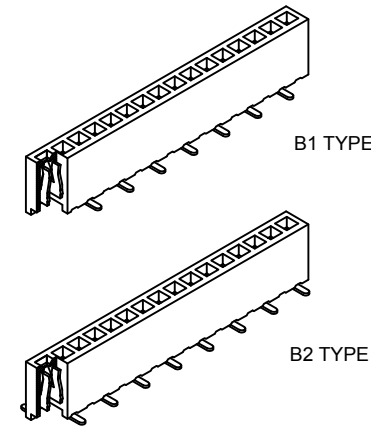
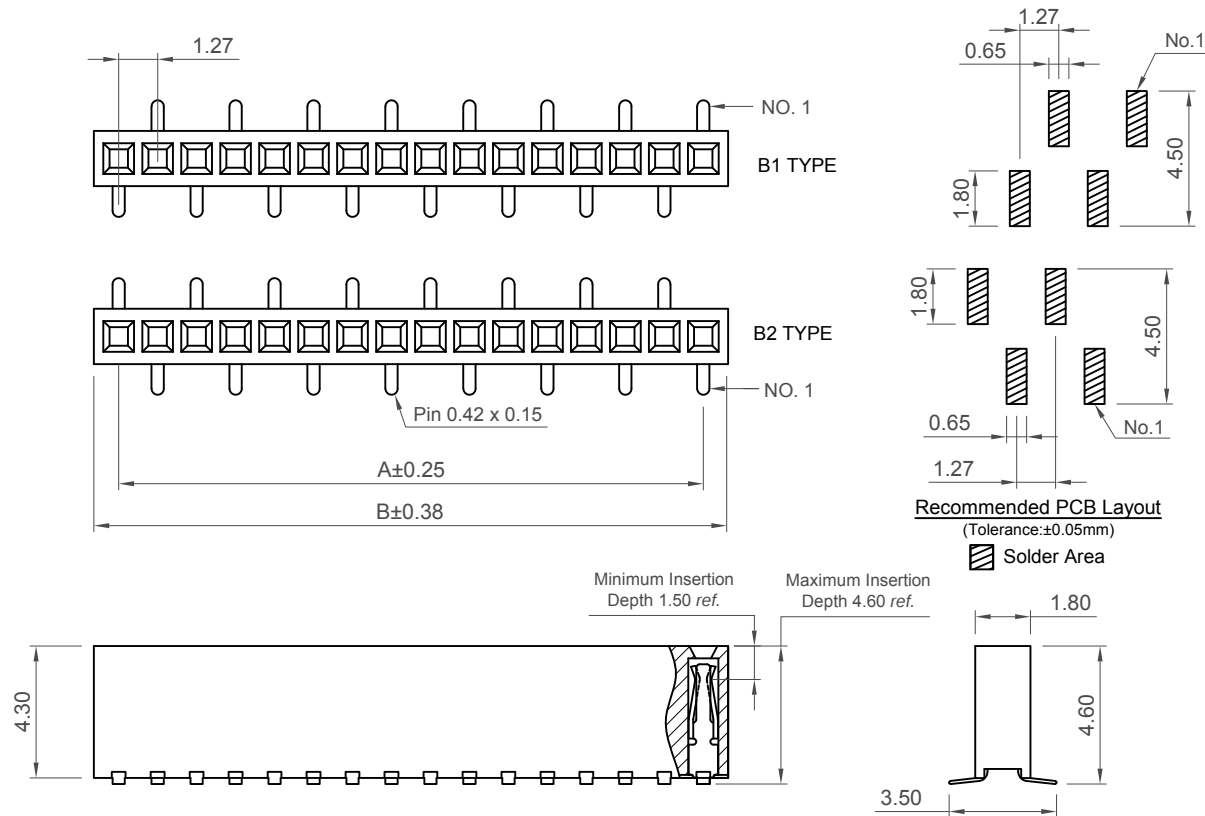


H  
G  
F  
E  
D  
C  
B  
A



#### Specifications

##### Material

Insulator Material:  
Polymer, LCP, UL 94V-0  
Contact Terminal : Copper Alloy

##### Plating

See Ordering Grid

##### Electrical

Current Rating: 1A per pin  
Contact Resistance: 20 mΩ max.  
Insulating Resistance: 1000 MΩ min.  
Dielectric Withstand Voltage: 300V AC

##### Soldering Process:

IR Reflow: 260°C for 10 sec.  
Wave: 250°C for 5-10 sec  
Manual Solder: 350°C for 3-5 sec

##### Mechanical & Environmental

Operating Temperature: -40°C to +105°C

##### Mates with (Subject to pin length)

BD021 BD022 BD045 BD100 BD110

| No. of Contacts | Dimensions |       |
|-----------------|------------|-------|
|                 | A          | B     |
| 2               | 1.27       | 2.89  |
| 3               | 2.54       | 4.16  |
| 4               | 3.81       | 5.43  |
| 5               | 5.08       | 6.70  |
| 6               | 6.35       | 7.97  |
| 7               | 7.62       | 9.24  |
| 8               | 8.89       | 10.51 |
| 9               | 10.16      | 11.78 |
| 10              | 11.43      | 13.05 |
| 11              | 12.70      | 14.32 |
| 12              | 13.97      | 15.59 |
| 13              | 15.24      | 16.86 |
| 14              | 16.51      | 18.13 |
| 15              | 17.78      | 19.40 |
| 16              | 19.05      | 20.67 |
| 17              | 20.32      | 21.94 |
| 18              | 21.59      | 23.21 |
| 19              | 22.86      | 24.48 |
| 20              | 24.13      | 25.75 |
| 21              | 25.40      | 27.02 |
| 22              | 26.67      | 28.29 |
| 23              | 27.94      | 29.56 |
| 24              | 29.21      | 30.83 |
| 25              | 30.48      | 32.10 |
| 26              | 31.75      | 33.37 |
| 27              | 33.02      | 34.64 |
| 28              | 34.29      | 35.91 |
| 29              | 35.56      | 37.18 |
| 30              | 36.83      | 38.45 |
| 31              | 38.10      | 39.72 |
| 32              | 39.37      | 40.99 |
| 33              | 40.64      | 42.26 |
| 34              | 41.91      | 43.53 |
| 35              | 43.18      | 44.80 |
| 36              | 44.45      | 46.07 |
| 37              | 45.72      | 47.34 |
| 38              | 46.99      | 48.61 |
| 39              | 48.26      | 49.88 |
| 40              | 49.53      | 51.15 |

#### Ordering Grid

|       |    |   |   |   |   |                               |
|-------|----|---|---|---|---|-------------------------------|
| BD075 | XX | X | X | L | X | Request Samples and Quotation |
|-------|----|---|---|---|---|-------------------------------|

No. of Contacts  
02 to 40

#### Contact Plating

**A = Gold Flash All Over (Standard)**  
B = Selective Gold Flash Contact Area/  
Tin On Tail  
C = Tin All Over  
G = 10μ" Gold Contact Area/Tin On Tail  
I = 30μ" Gold Contact Area/Tin On Tail

#### Packing Options

**C = Tape & Reel with Film (Standard)**  
B = Tape & Reel with Cap  
D = Tube  
E = Tube with Cap  
F = Tube with Film

#### Insulator Material

L = LCP

#### Type

1 = B1 Type  
2 = B2 Type

|                                    |                |                                                                                                                                                                    |                                                               |
|------------------------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| Part Number<br>BD075               |                | Product Description<br>1.27mm Pitch Socket, Single Row,<br>Surface Mount, Top Entry                                                                                |                                                               |
| Drawing Date<br>28th December 2007 |                |                                                                                                                                                                    |                                                               |
| By                                 | CC             | Tolerances (Except as Noted)                                                                                                                                       | Units:                                                        |
| Detail                             | BD075<br>G PCN | Length<br>X. ± 0.30<br>X.X ± 0.20<br>X.XX ± 0.15<br>X.XXX ± 0.10                                                                                                   | Angle<br>X.° ± 5°<br>X.X° ± 2°<br>X.XX° ± 1°<br>X.XXX° ± 0.5° |
| Revision                           | G3             |                                                                                                                                                                    | 3rd Angle Projection                                          |
| Date                               | 06/11/17       |                                                                                                                                                                    |                                                               |
|                                    |                | RoHS COMPLIANT 2011/65/EU Deca-SDE                                                                                                                                 |                                                               |
|                                    |                | This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE |                                                               |

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Not to Scale  
Drawn By LYH  
Sheet No. 1/1

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