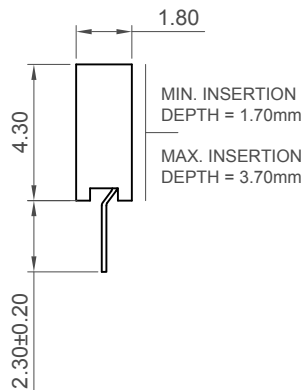
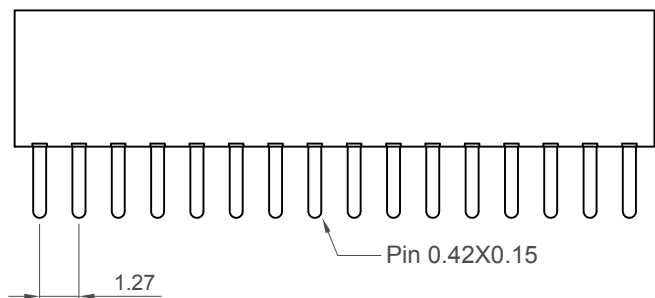
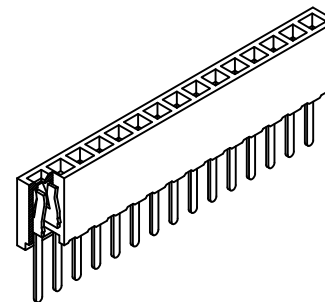


Recommended PCB Layout



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

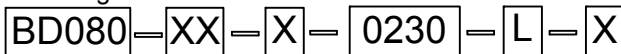
Operating Temperature: -40°C to +105°C

Mates with (Subject to pin length)

BD021 BD022 BD045 BD100 BD110

| No. of Contacts | Dimensions | |
|-----------------|------------|-------|
| | A | B |
| 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



No. of Contacts
03 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

Tail Length (1/100mm)
0230 = 2.30mm

Request Samples and Quotation

Packing Options
D = Tube (Standard)
E = Tube with Cap
F = Tube with Film
G = Plastic Box
For 3 contacts option G only.
 Insulator Material
L = LCP

| | | | |
|--------------|----------------|--|----------------------|
| Part Number | | Product Description | |
| BD080 | | 1.27mm Pitch Socket, Single Row, Through Hole, Vertical | |
| Drawing Date | | 28th December 2007 | |
| By | CC | Tolerances (Except as Noted) | Units: |
| Detail | BD080 H PCN | Length X. ± 0.30 X.X ± 0.20 X.XX ± 0.15 X.XXX ± 0.10 | Metric (mm) |
| Revision | H2 | Angle X.° ± 5° X.X° ± 2° X.XX° ± 1° X.XXX° ± 0.5° | 3rd Angle Projection |
| Date | 19/07/17 | | |



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