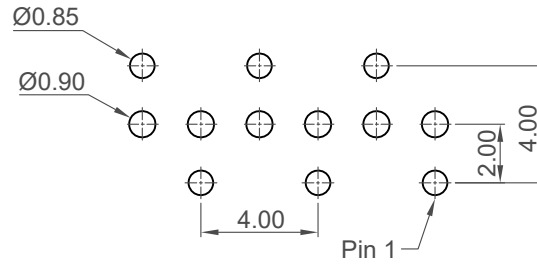
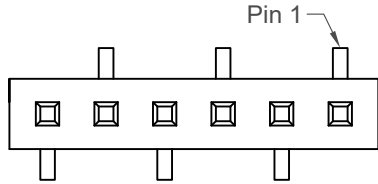
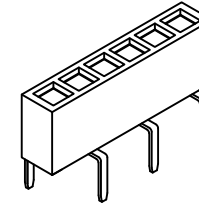


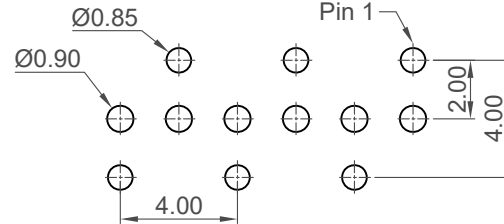
Type B1



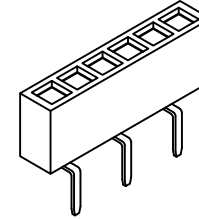
Type B1



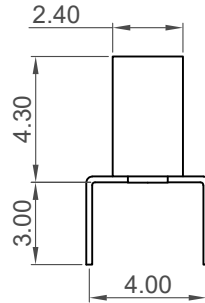
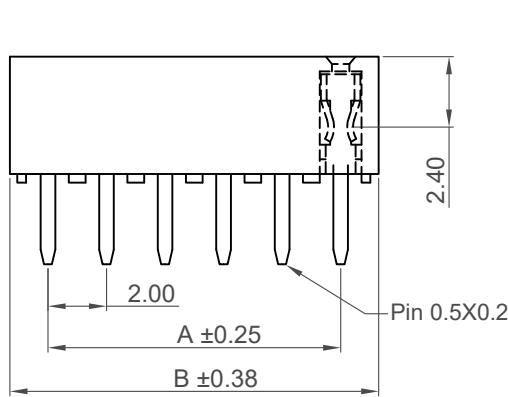
Type B2



Type B2



**Recommended PCB Layout**  
Tolerance:  $\pm 0.05$



**Specifications**

**Material**  
Insulator:  
Standard: Polyamide, Nylon 6T, UL 94V-0  
Options: Polymer, LCP, UL 94V-0  
Contact: Copper Alloy

**Plating**  
See Ordering Grid

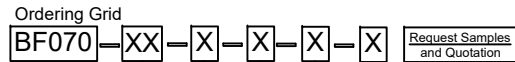
**Electrical**  
Current Rating: 2 Amp per pin  
Contact Resistance: 20 mΩ max.  
Insulation Resistance: 1000 MΩ min.  
Dielectric Withstand Voltage: 500 V AC

**Mechanical & Environmental**  
Operating Temperature: -40°C to +105°C

**Soldering process:**  
Nylon 6T (Standard)-  
IR Reflow: 260°C for 10 sec.  
Wave: 230°C for 5-10 sec.  
Manual solder: 350°C for 3-5 sec  
LCP (Option)-  
IR Reflow: 260°C for 10 sec.  
Wave: 250°C for 5-10 sec.  
Manual solder: 350°C for 3-5 sec

**Mates with (subject to pin length):**  
BF020 BF021 BF025 BF035  
BF036 BF040 BF130

No. of Contacts	Dimensions	
	A	B
2	2.0	4.6
3	4.0	6.6
4	6.0	8.6
5	8.0	10.6
6	10.0	12.6
7	12.0	14.6
8	14.0	16.6
9	16.0	18.6
10	18.0	20.6
11	20.0	22.6
12	22.0	24.6
13	24.0	26.6
14	26.0	28.6
15	28.0	30.6
16	30.0	32.6
17	32.0	34.6
18	34.0	36.6
19	36.0	38.6
20	38.0	40.6
21	40.0	42.6
22	42.0	44.6
23	44.0	46.6
24	46.0	48.6
25	48.0	50.6
26	50.0	52.6
27	52.0	54.6
28	54.0	56.6
29	56.0	58.6
30	58.0	60.6
31	60.0	62.6
32	62.0	64.6
33	64.0	66.6
34	66.0	68.6
35	68.0	70.6
36	70.0	72.6
37	72.0	74.6
38	74.0	76.6
39	76.0	78.6
40	78.0	80.6



**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**  
D = Tube (Standard)  
E = Tube with Cap  
F = Tube with Film  
G = Plastic Box

**Insulator Material**  
N = Nylon 6T (Standard)  
L = LCP

**Type**  
1 = B1 Type  
2 = B2 Type

Part Number		Product Description	
BF070		2.0mm Pitch Socket, Single Row, Through Hole, Dual Entry Type	
Drawing Date		31st October 2007	
By	CC	Tolerances (Except as Noted)	Units:
Detail	BF070 D PCN	Length X. ± 0.30 X.X ± 0.20 X.XX ± 0.15 X.XXX ± 0.10	Metric (mm)
Revision	D1	Angle X.X° ± 5° X.XX° ± 2° X.XXX° ± 1° X.XXX° ± 0.5°	3rd Angle Projection
Date	13/05/21		



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



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