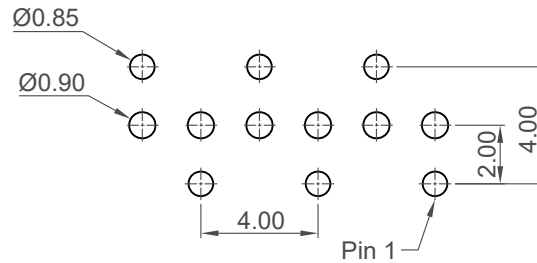
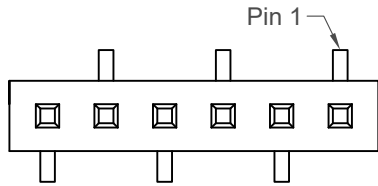
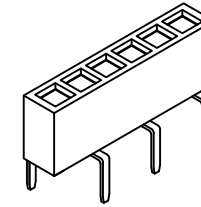


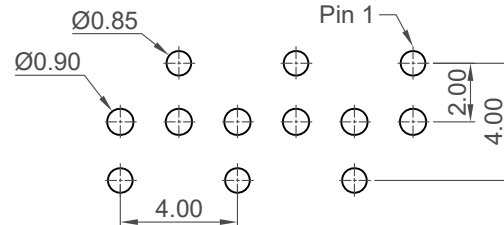
Type B1



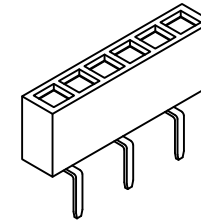
Type B1



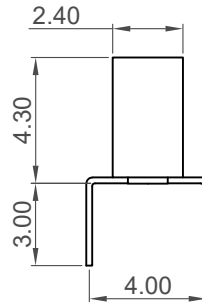
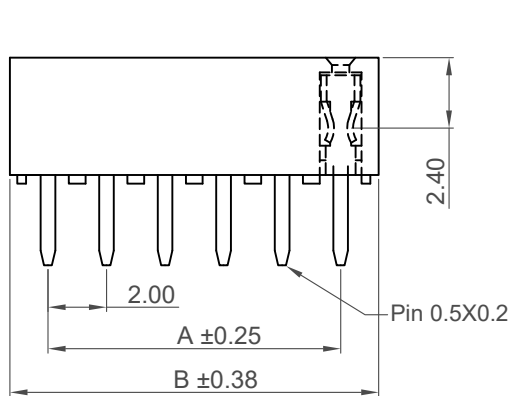
Type B2



Type B2



Recommended PCB Layout
Tolerance: ± 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

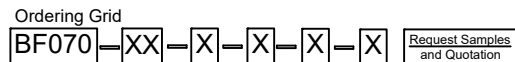
Electrical
Current Rating: 2 Amp per pin
Contact Resistance: 20 mΩ max.
Insulation Resistance: 1000 MΩ min.
Dielectric Withstand Voltage: 500 V AC

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		



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