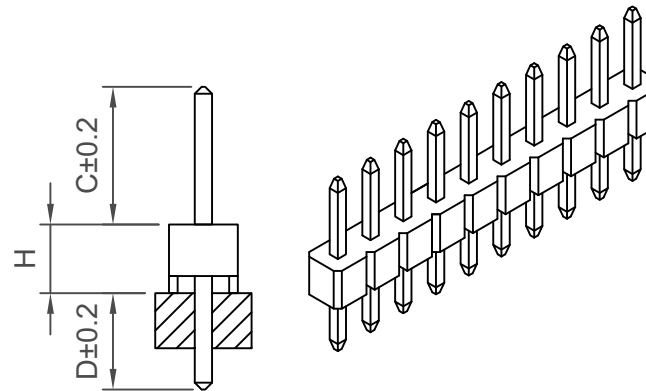
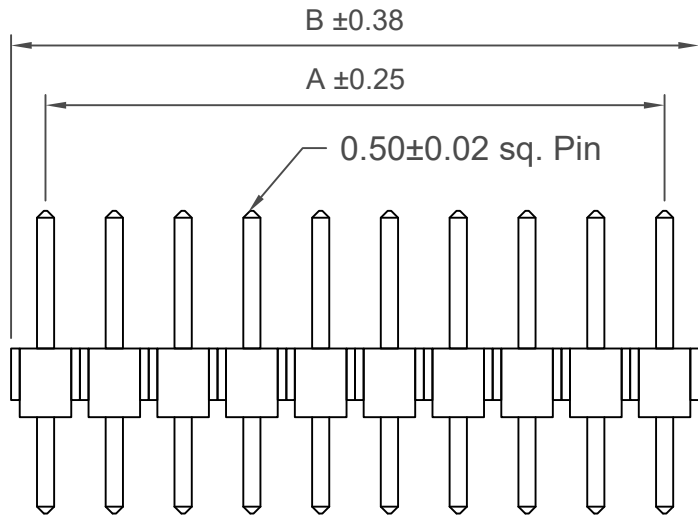


Recommended PCB Layout



No. of Contacts	Dimensions		No. of Contacts	Dimensions	
	A	B		A	B
2	2.0	4.0	21	40.0	42.0
3	4.0	6.0	22	42.0	44.0
4	6.0	8.0	23	44.0	46.0
5	8.0	10.0	24	46.0	48.0
6	10.0	12.0	25	48.0	50.0
7	12.0	14.0	26	50.0	52.0
8	14.0	16.0	27	52.0	54.0
9	16.0	18.0	28	54.0	56.0
10	18.0	20.0	29	56.0	58.0
11	20.0	22.0	30	58.0	60.0
12	22.0	24.0	31	60.0	62.0
13	24.0	26.0	32	62.0	64.0
14	26.0	28.0	33	64.0	66.0
15	28.0	30.0	34	66.0	68.0
16	30.0	32.0	35	68.0	70.0
17	32.0	34.0	36	70.0	72.0
18	34.0	36.0	37	72.0	74.0
19	36.0	38.0	38	74.0	76.0
20	38.0	40.0	39	76.0	78.0
			40	78.0	80.0

Specifications 规格

Material 物料

Insulator material 绝缘体物料:
 Standard 标准物料
 Polyamide, Nylon 6T, UL 94V-0
 Options 可选物料:
 Polyester, LCP, UL 94V-0
 Polyester, PBT, UL 94V-0
 Contact Terminal 接触端子: Copper Alloy

Plating 电镀
 See Ordering Grid

Electrical 电气

Current Rating 电流额定值: 2 Amp per pin
 Contact Resistance 接触电阻值: 20 mΩ max.
 Insulation Resistance 绝缘电阻值: 1000 MΩ min.
 Dielectric Withstand Voltage 寒耐电压: 500 V AC

Mechanical & Environmental 机械 & 环境

Operating Temperature 工作温度: -40°C to +105°C

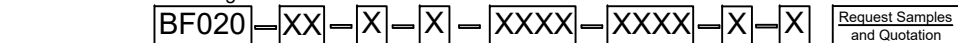
Soldering process 可焊性:

Nylon 6T (Standard 标准物料) -
 IR Reflow 回流焊: 260°C for 10 sec.
 Wave 波峰焊: 230°C for 5-10 sec.
 Manual solder 人工焊接: 350°C for 3-5 sec
 PBT (Option 可选物料) - Manual solder 人工焊接: 330°C for 3-5 sec.
 (not suitable for hi-temp process 不适合高温处理)

LCP (Option 可选物料) -

IR Reflow 回流焊: 260°C for 10 sec.
 Wave 波峰焊: 250°C for 5-10 sec.
 Manual solder 人工焊接: 350°C for 3-5 sec
 Mates with 配套之母座 (subject to pin length 在端子长度适合的条件下):
 BF070 BF085 BF086 BF087 BF088 BF090

Ordering Grid



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

Insulator Height 'H'
B = 2.00mm (Standard)
 A = 1.50mm

Dimension D (1/100mm) (Tail Length)
0300 = 3.00mm (Standard)
 Or specify Custom Tail Length
 e.g. 2.50mm = 0250

Dimension C (1/100mm) (Post Height)
0400 = 4.00mm (Standard)
0600 = 6.00mm (Standard)
 Or specify Custom Post Height
 eg 0250 = 2.50mm

Packing Options
G = Plastic Box (Standard)
D = Tube
E = Tube with Cap

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

Part Number BF020		Product Description 2.00mm Pitch Pin Header Single Row, Through Hole, Vertical	
Drawing Date 25th October 2007			
By AJO	Detail BF020 D PCN	Tolerances (Except as Noted) Length X. ± 0.30 X.X ± 0.20 X.XX ± 0.15 X.XXX ± 0.10	Angle X.° ± 5° X.X° ± 2° X.XX° ± 1° X.XXX° ± 0.5°
Revision D1	Date 07/03/17	Units: Metric (mm)	3rd Angle Projection
		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