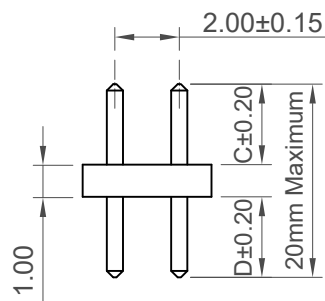
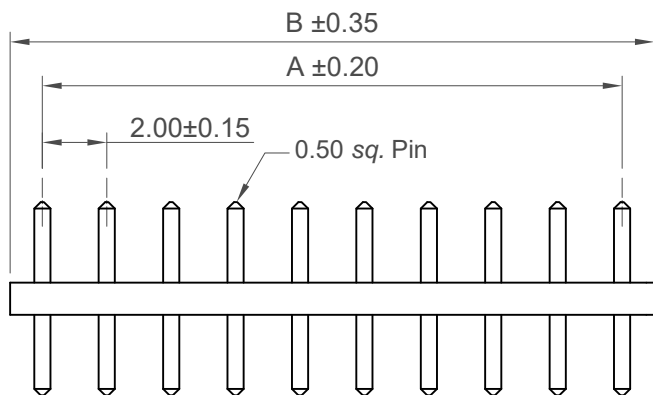
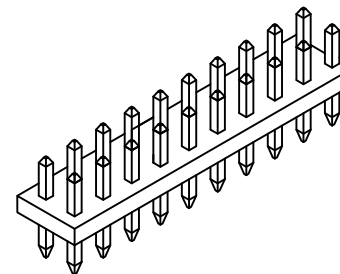
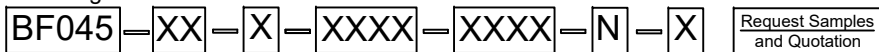


Recommended PCB Layout
Tolerance: ±0.05



Ordering Grid



No. of Contacts
06 to 80

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

Dimension C (1/100mm) (Post Length)

0200 = 2.00mm (Standard)
0250 = 2.50mm (Standard)
 Or specify Custom Post Length
 eg 0300 = 3.00mm
 (Maximum 1200 = 12.00mm)
 (Minimum 0050 = 0.50mm)

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

Insulator Material
 N = Nylon 6T

Dimension D (1/100mm) (Tail Length)

0250 = 2.50mm (Standard)
 Or specify Custom Tail Length
 eg 0300 = 3.00mm
 (Maximum 1200 = 12.00mm)
 (Minimum 0050 = 0.50mm)

Specifications

Material
 Contact: Copper Alloy
 Insulator: Polyamide, Nylon 6T, UL 94-V0

Plating
 See Ordering Grid

Electrical
 Current Rating: 1 Amp Per Pin
 Insulation Resistance: 1000 MΩ min
 Contact Resistance: 20 mΩ max.
 Dielectric Withstand Voltage: AC 500 V

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

Soldering Process:
 IR Reflow: 260°C for 10 sec.
 Wave: 230°C for 5-10 sec
 Manual Solder: 350°C for 3-5 sec

Mates with (Subject to pin length)
 BF065 BF075 BF080 BF095
 BF100 BF105 BF110 BF112
 BF115 BF120 BF185

BF095 Recommended mating length 2.00mm
 BF120 Recommended mating length 2.00mm

No. of Contacts	Dimensions	
	A	B
6	4.0	6.0
8	6.0	8.0
10	8.0	10.0
12	10.0	12.0
14	12.0	14.0
16	14.0	16.0
18	16.0	18.0
20	18.0	20.0
22	20.0	22.0
24	22.0	24.0
26	24.0	26.0
28	26.0	28.0
30	28.0	30.0
32	30.0	32.0
34	32.0	34.0
36	34.0	36.0
38	36.0	38.0
40	38.0	40.0
42	40.0	42.0
44	42.0	44.0
46	44.0	46.0
48	46.0	48.0
50	48.0	50.0
52	50.0	52.0
54	52.0	54.0
56	54.0	56.0
58	56.0	58.0
60	58.0	60.0
62	60.0	62.0
64	62.0	64.0
66	64.0	66.0
68	66.0	68.0
70	68.0	70.0
72	70.0	72.0
74	72.0	74.0
76	74.0	76.0
78	76.0	78.0
80	78.0	80.0

Part Number		Product Description	
BF045		2.00mm Pitch Pin Header, Dual Row, Through Hole, Vertical, Low Profile	
Drawing Date		31st October 2007	
By	CC	Tolerances (Except as Noted)	Units:
Detail	BF045 D PCN	Length X. ± 0.30 X.X ± 0.25 X.XX ± 0.15 X.XXX ± 0.10	Metric (mm)
Revision	D3	Angle X° ± 5° X.X° ± 3° X.XX° ± 2° X.XXX° ± 1°	3rd Angle Projection
Date	15/09/21		



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