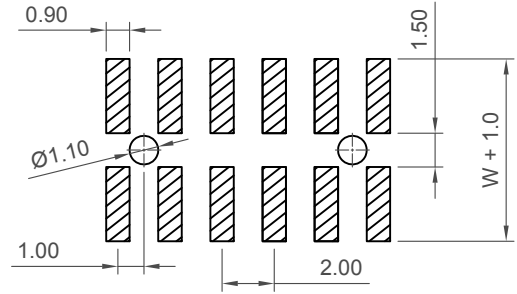
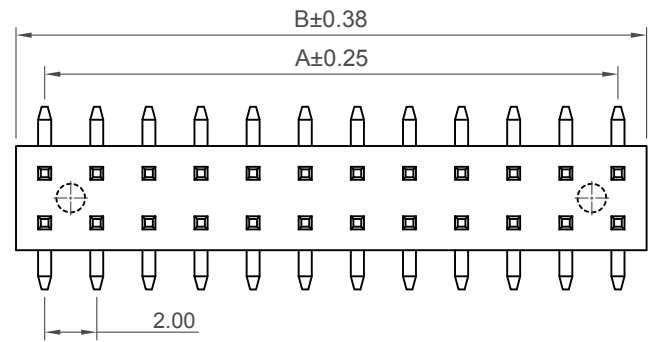
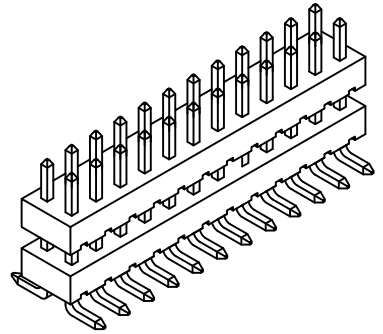


H
G
F
E
D
C
B
A



Recommended PCB Layout

▨ Solder Area



Number of Contacts	Dimensions		
	A	B	C
6	4.0	6.2	2.0
8	6.0	8.2	4.0
10	8.0	10.2	6.0
12	10.0	12.2	8.0
14	12.0	14.2	10.0
16	14.0	16.2	12.0
18	16.0	18.2	14.0
20	18.0	20.2	16.0
22	20.0	22.2	18.0
24	22.0	24.2	20.0
26	24.0	26.2	22.0
28	26.0	28.2	24.0
30	28.0	30.2	26.0
32	30.0	32.2	28.0
34	32.0	34.2	30.0
36	34.0	36.2	32.0
38	36.0	38.2	34.0
40	38.0	40.2	36.0
42	40.0	42.2	38.0
44	42.0	44.2	40.0
46	44.0	46.2	42.0
48	46.0	48.2	44.0
50	48.0	50.2	46.0

Specifications

Material
 Contact Terminal: Copper Alloy
 Insulator:
 Standard: Polyamide, Nylon 6T, UL94V-0, Black
 Option: Polymer, LCP, UL94V-0, Black

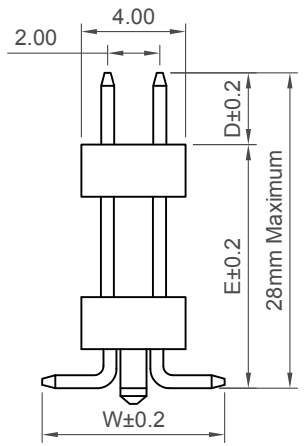
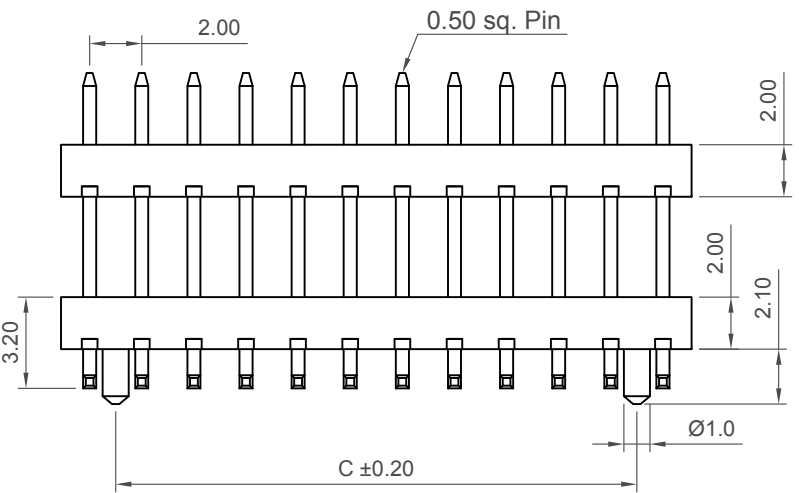
Plating
 See ordering grid

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

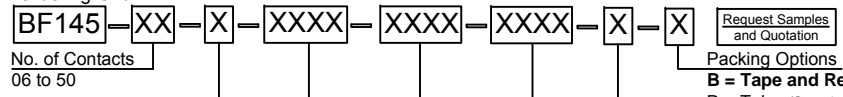
Mechanical & Environmental
 Operating Temperature: -40°C to +105°C
Soldering Process:
 Nylon 6T (Standard):
 IR Reflow: 260°C for 10 sec.
 Manual Solder: 350°C for 3-5 sec
 LCP (Option):
 IR Reflow: 260°C for 10 sec.
 Manual Solder: 350°C for 3-5 sec

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

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



Ordering Grid



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
B = Tape and Reel with Cap (Standard)
 D = Tube (Standard where total height exceeds 25mm)
 E = Tube with Cap

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

Dimension D (1/100mm) (Post Height)
0200 = 2.00mm (Standard)
0400 = 4.00mm (Standard)
 Or specify custom post height
 eg 5.50mm = 0550
 (Maximum 1500 = 15.00mm)
 (Minimum 0100 = 1.00mm)

Dimension W (1/100mm) (Footprint Width)
0650 = 6.50mm (Standard)
 Or specify custom footprint width
 eg 7.00mm = 0700 (Tooling charge may apply)

Dimension E (1/100mm) (Stack Height)
0950 = 9.50mm (Standard)
 Or specify custom stack height
 eg 10.00mm = 1000
 (Maximum 2000 = 20.00mm)

Part Number		Product Description	
BF145		2.00mm Pitch Elevated Pin Header	
Drawing Date		Dual Row, Surface Mount	
31st October 2007			
By	CC	Tolerances (Except as Noted)	Units:
Detail	BF145 C PCN	Length X. ± 0.30 XX ± 0.20 XXX ± 0.15 X.XXX ± 0.10	Metric (mm)
Revision	C2	Angle X° ± 5° XX° ± 2° XXX° ± 1° X.XXX° ± 0.5°	3rd Angle Projection
Date	11/09/17		



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