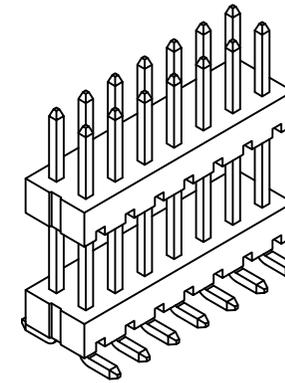


Recommended PCB Layout
Tolerance: ±0.05
Solder Area



Number of Contacts	Dimensions		
	A	B	C
4	4.2	2.0	4.00
6	6.2	4.0	5.00
8	8.2	6.0	
10	10.2	8.0	
12	12.2	10.0	
14	14.2	12.0	
16	16.2	14.0	
18	18.2	16.0	
20	20.2	18.0	
22	22.2	20.0	
24	24.2	22.0	
26	26.2	24.0	
28	28.2	26.0	
30	30.2	28.0	
32	32.2	30.0	
34	34.2	32.0	
36	36.2	34.0	
38	38.2	36.0	
40	40.2	38.0	
42	42.2	40.0	
44	44.2	42.0	
46	46.2	44.0	
48	48.2	46.0	
50	50.2	48.0	
52	52.2	50.0	
54	54.2	52.0	
56	56.2	54.0	
58	58.2	56.0	
60	60.2	58.0	
62	62.2	60.0	
64	64.2	62.0	
66	66.2	64.0	
68	68.2	66.0	
70	70.2	68.0	
72	72.2	70.0	
74	74.2	72.0	
76	76.2	74.0	
78	78.2	76.0	
80	80.2	78.0	

Specifications

Material

Contact Terminal: Brass
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

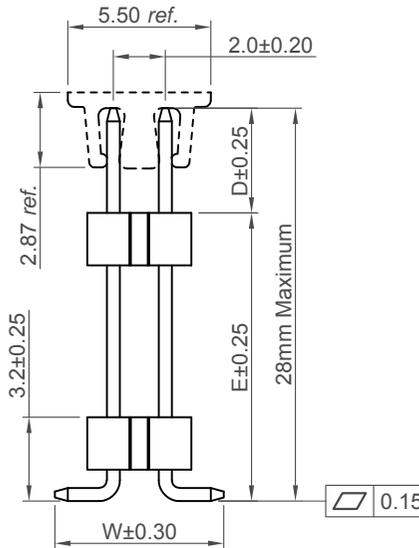
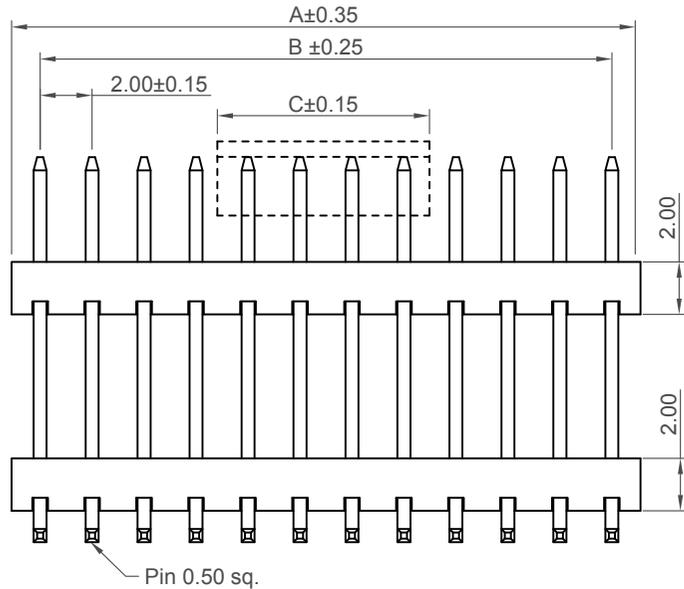
Mechanical & Environmental

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

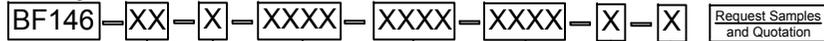
Mates with (subject to pin length):

BF065 BF075 BF080 BF095
BF100 BF105 BF110 BF115
BF120 BF185

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



Ordering Grid



No. of Contacts
04 to 80

Packing Options

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

Insulator Material

N = Nylon 6T (Standard)
L = LCP

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 D (1/100mm) (Post Height)

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)

1420 = 14.20mm (Standard)
Or specify custom stack height
eg 10.00mm = 1000
(Maximum 2000 = 20.00mm)

Part Number		Product Description	
BF146		2.00mm Pitch Elevated Pin Header	
Drawing Date		Dual Row, Surface Mount, Without Locating Peg	
26th April 2021			
By	CC	Tolerances (Except as Noted)	Units:
Detail	Drawing Release	Length X. ± 0.30 X.X ± 0.25 X.XX ± 0.15 X.XXX ± 0.10	Metric (mm)
Revision	A	Angle X° ± 5° X.X° ± 3° X.XX° ± 2° X.XXX° ± 1°	
Date	26/04/21		3rd Angle Projection



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Not to Scale	Drawn By CC	Sheet No. 1/1
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H
G
F
E
D
C
B
A