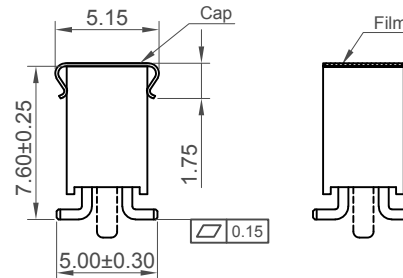
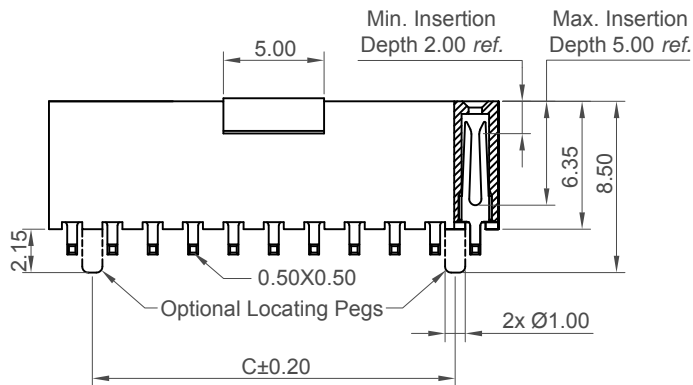
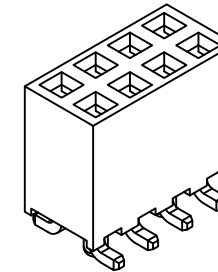
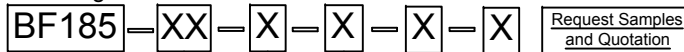


Recommended PCB Layout

■ Solder Area



Ordering Grid



No. of Contacts
06 to 80

Packing Options

- F = Tube with Film (Standard)
- C = Tape & Reel with Film
- B = Tape & Reel with Cap
- D = Tube
- E = Tube with Cap

Insulator Material

- L = LCP (Standard)
- N = Nylon 6T

Locating Peg

- 0 = Without
- 1 = With

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

Specifications

Material

- Insulator: Standard: LCP, UL 94V-0
Option: Nylon 6T, UL 94V-0
- Contact: Phosphor Bronze

Plating

- Contact: See ordering grid
- Underplating: Nickel all over

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

LCP (Standard) -

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

Nylon 6T (Option) -

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

Mates with (Subject to Pin Length)

- BF030 BF045 BF050 BF055
- BF060 BF135 BF140 BF145

Number of Contacts	Dimensions		
	A	B	C
* 6	4.00	6.30	2.00
8	6.00	8.30	4.00
* 10	8.00	10.30	6.00
* 12	10.00	12.30	8.00
14	12.00	14.30	10.00
16	14.00	16.30	12.00
18	16.00	18.30	14.00
* 20	18.00	20.30	16.00
22	20.00	22.30	18.00
* 24	22.00	24.30	20.00
* 26	24.00	26.30	22.00
28	26.00	28.30	24.00
30	28.00	30.30	26.00
32	30.00	32.30	28.00
34	32.00	34.30	30.00
36	34.00	36.30	32.00
38	36.00	38.30	34.00
40	38.00	40.30	36.00
42	40.00	42.30	38.00
44	42.00	44.30	40.00
46	44.00	46.30	42.00
48	46.00	48.30	44.00
50	48.00	50.30	46.00
52	50.00	52.30	48.00
54	52.00	54.30	50.00
56	54.00	56.30	52.00
58	56.00	58.30	54.00
60	58.00	60.30	56.00
62	60.00	62.30	58.00
64	62.00	64.30	60.00
66	64.00	66.30	62.00
68	66.00	68.30	64.00
* 70	68.00	70.30	66.00
72	70.00	72.30	68.00
74	72.00	74.30	70.00
76	74.00	76.30	72.00
78	76.00	78.30	74.00
80	78.00	80.30	76.00

* = Available for Tape+Reel(Film or Cap)
Please contact GCT for non-tooled parts

Part Number		Product Description	
BF185		2.00mm Pitch Socket, Dual Row, Surface Mount, Vertical	
Drawing Date		25th January 2019	
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	Angle X.° ± 5° X.X° ± 3° X.XX° ± 2° X.XXX° ± 1°
Revision	A3	Metric (mm)	
Date	01/04/20		



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 CC	Sheet No. 1/1
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H
G
F
E
D
C
B
A

1 2 3 4 5 6 7 8