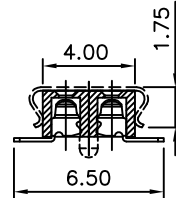
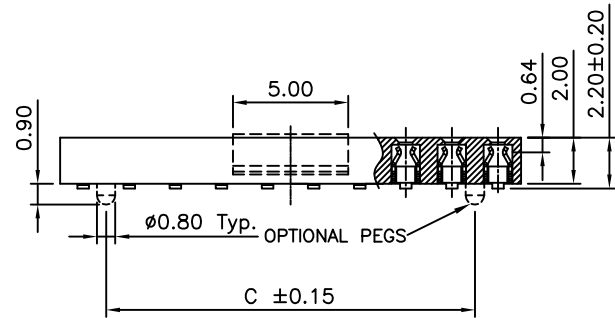
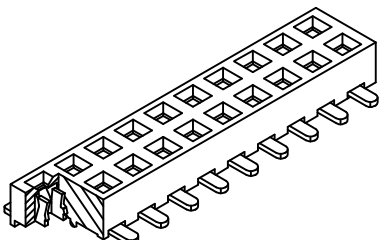


RECOMMENDED PCB LAYOUT



CONTACTS	DIMENSIONS		
	A	B	C
6	4.0	6.0	2.0
8	6.0	8.0	4.0
10	8.0	10.0	6.0
12	10.0	12.0	8.0
14	12.0	14.0	10.0
16	14.0	16.0	12.0
18	16.0	18.0	14.0
20	18.0	20.0	16.0
22	20.0	22.0	18.0
24	22.0	24.0	20.0
26	24.0	26.0	22.0
28	26.0	28.0	24.0
30	28.0	30.0	26.0
32	30.0	32.0	28.0
34	32.0	34.0	30.0
36	34.0	36.0	32.0
38	36.0	38.0	34.0
40	38.0	40.0	36.0
42	40.0	42.0	38.0
44	42.0	44.0	40.0
46	44.0	46.0	42.0
48	46.0	48.0	44.0
50	48.0	50.0	46.0
52	50.0	52.0	48.0
54	52.0	54.0	50.0
56	54.0	56.0	52.0
58	56.0	58.0	54.0
60	58.0	60.0	56.0
62	60.0	62.0	58.0
64	62.0	64.0	60.0
66	64.0	66.0	62.0
68	66.0	68.0	64.0
70	68.0	70.0	66.0
72	70.0	72.0	68.0
74	72.0	74.0	70.0
76	74.0	76.0	72.0
78	76.0	78.0	74.0
80	78.0	80.0	76.0

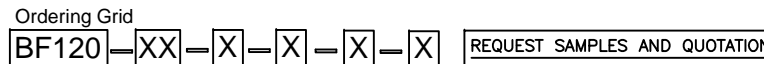
SPECIFICATIONS 规格

CURRENT RATING 电流额定值: 2 AMP  
 INSULATOR RESISTANCE 绝缘电阻值: 1000 MEGOHMS MIN.  
 CONTACT RESISTANCE 接触电阻值: 20mOHMS MAX.  
 DIELECTRIC WITHSTANDING 耐电压: AC 500 V  
 OPERATING TEMPERATURE 工作温度: -40°C TO +105°C  
 CONTACT MATERIAL 端子物料: PHOSPHOR BRONZE  
 INSULATOR MATERIAL 绝缘体物料:  
 STANDARD 标准物料: POLYAMIDE 聚酰胺, NYLON 6T, UL 94-V0  
 OPTIONS 可选物料: POLYESTER 聚酯, LCP, UL 94-V0  
 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  
 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):

BF030 BF045 BF050 BF055 BF060  
 BF135 BF145 BF145

By	LYH	PN	CB	DR	SA
DETAIL	DRAWING RELEASE	NOTE ADDED	PACKING OPTIONS CHANGED	CHANGE TO SOLDER TEMP. INFORMATION	UPDATE TO CONTACT PLATING OPTIONS
REV DATE	A 31/10/07	B 20/04/09	C 27/04/09	D 05/08/09	E 05/03/10



No. of Contacts  
06 to 80

Contact Plating  
 A = Gold Flash All Over  
 C = Tin All Over

N = 30u" gold on contact area, gold flash on tail  
 P = 10u" gold on contact area, gold flash on tail  
**Standard = Gold Flash All Over**

Locating Peg  
 0 = No Peg  
 1 = With Peg

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

Packing Options   
**C = Tape and Reel with Film (Standard)**  
 B = Tape and Reel with Cap  
 D = Tube  
 E = Tube and Cap  
 F = Tube and Film

For bottom entry applications, stringent soldering control & pin alignment are required as lead to pad misalignment could cause incorrect mating.



Tolerances (Except as noted)	Part Number:-	Date:-
Dimensions in mm	BF120	31 OCT 07
X: ± 0.30 X': ± 5° X.X ± 0.20 X'X' ± 2° X.XX ± 0.15 XX' ± 1° X.XXX ± 0.10 XXX' ± 0.5°	Description:-	
Third Angle Projection	2.0mm PITCH SOCKET, DUAL ROW, SURFACE MOUNT, DUAL ENTRY	
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Scale NTS	Revision E	Material See Note	Drawn by LYH	E & OE	Sheet No. 1/1

**GCT**

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