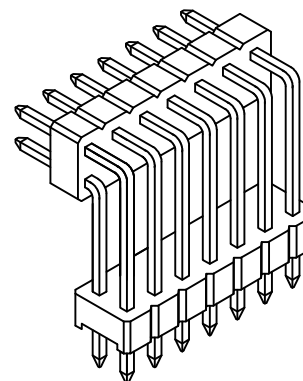
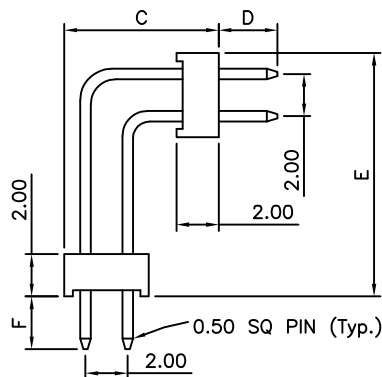
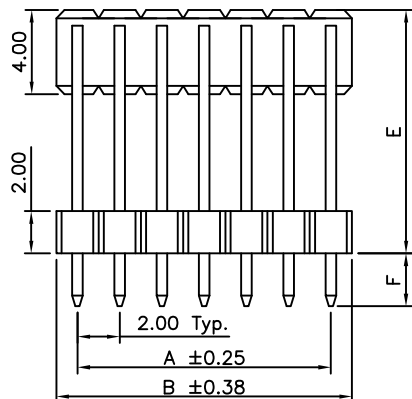


RECOMMENDED PCB LAYOUT



**SPECIFICATIONS 规格**  
 CURRENT RATING 电流额定值: 2.0 AMP  
 INSULATION RESISTANCE 绝缘电阻值: 1000MOHMS MIN.  
 CONTACT RESISTANCE 接触电阻值: 20mOHMS MAX.  
 DIELECTRIC WITHSTANDING 耐电压: 500V AC  
 OPERATING TEMPERATURE 工作温度: -40°C TO +105°C  
 CONTACT MATERIAL 端子物料: COPPER ALLOY  
 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  
 OR POLYESTER 聚酯, PBT, UL94-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  
 PBT (OPTION 可选物料) - MANUAL SOLDER 人工焊接: 330°C for 3-5 sec. (NOT SUITABLE FOR HI-TEMP PROCESS 不适合高温处理)  
 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):  
 BF065 BF075 BF080 BF095 BF100  
 BF105 BF115 BF120

**Ordering Grid**

**BF140** - **XX**X **XXXX** - **XXXX** - **XXXX** - **XXXX** **X****X**

No. of Contacts: 04 to 80

Contact Plating:  
 A = Gold Flash All Over  
 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  
**Standard = Gold Flash All Over**

Dimension C (1/100mm) (Insulator to Insulator)  
**Standard - 6.10mm = 0610**  
 Or specify Dimension C  
 e.g. 2.50mm = 0250  
 TOL +/- 0.2mm

Dimension D (1/100mm) (Post Height)  
**Standard - 4.40mm = 0440**  
 Or specify Dimension D  
 e.g. 2.50mm = 0250  
 TOL +/- 0.2mm

Dimension F (1/100mm) (Tail Length)  
**Standard - 3.00mm = 0300**  
 Or specify Dimension F  
 e.g. 2.50mm = 0250  
 TOL +/- 0.2mm

Dimension E (1/100mm) (Stack Height)  
**Standard - 9.60mm = 0960**  
 Or specify Dimension E  
 e.g. 2.50mm = 0250  
 TOL +/- 0.2mm

**REQUEST SAMPLES AND QUOTATION**

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

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

CONTACTS	DIMENSIONS	
	A	B
4	2.0	4.0
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

By	LYH	CB	DR
DETAIL	DRAWING RELEASE	PACKING OPTIONS CHANGED	CHANGE TO SOLDER TEMP. INFORMATION
REV DATE	A 31/10/07	B 27/04/09	C 05/08/09



Tolerances (Except as noted)	
X. ± 0.30	X° ± 5°
X.X ± 0.20	X° ± 2°
X.XX ± 0.15	XX° ± 1°
X.XXX ± 0.10	XXX° ± 0.5°

Part Number:-	Date:-
BF140	31 OCT 07
Description:-	
2.0mm PITCH ELEVATED PIN HEADER, DUAL ROW, THROUGH HOLE, HORIZONTAL	
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**Global Connector Technology**

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Scale NTS	Revision C	Material See Note	Drawn by LYH	Sheet No. E & OE 1/1
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