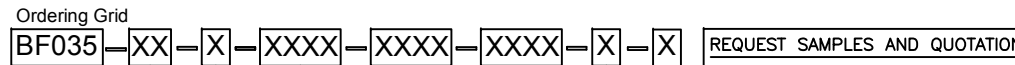


RECOMMENDED PCB LAYOUT

CONTACTS	DIMENSIONS	
	A	B
2	2.0	4.0
3	4.0	6.0
4	6.0	8.0
5	8.0	10.0
6	10.0	12.0
7	12.0	14.0
8	14.0	16.0
9	16.0	18.0
10	18.0	20.0
11	20.0	22.0
12	22.0	24.0
13	24.0	26.0
14	26.0	28.0
15	28.0	30.0
16	30.0	32.0
17	32.0	34.0
18	34.0	36.0
19	36.0	38.0
20	38.0	40.0
21	40.0	42.0
22	42.0	44.0
23	44.0	46.0
24	46.0	48.0
25	48.0	50.0
26	50.0	52.0
27	52.0	54.0
28	54.0	56.0
29	56.0	58.0
30	58.0	60.0
31	60.0	62.0
32	62.0	64.0
33	64.0	66.0
34	66.0	68.0
35	68.0	70.0
36	70.0	72.0
37	72.0	74.0
38	74.0	76.0
39	76.0	78.0
40	78.0	80.0



**SPECIFICATIONS 规格**  
 CURRENT RATING 电流额定值: 2.0 AMPERE  
 INSULATION RESISTANCE 绝缘电阻值: 1000M Ω Min.  
 CONTACT RESISTANCE 接触电阻值: 20mΩ 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  
 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):  
 BF070 BF085 BF090 BF091

**Ordering Grid**  
 BF035-XX-X-XXXX-XXXX-XXXX-X-X  
 No. of Contacts: 02 to 40  
 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) (Post Length)  
**Standard - 4.00mm = 0400**  
 Or specify Dimension C  
 e.g. 2.50mm = 0250  
 TOL +/- 0.2mm  
 Insulator Material  
**N = Nylon 6T (Standard)**  
 L = LCP  
 Dimension D (1/100mm) (Insulator to End of Pin)  
**Standard - 3.00mm = 0300**  
 Or specify Dimension D  
 e.g. 2.50mm = 0250  
 TOL +/- 0.2mm  
 Packing Options **△**  
**B = Tape and Reel with Cap (Standard)**  
 D = Tube  
 E = Tube and Cap  
 Dimension E (1/100mm) (Pin Curve to End of Pin)  
**Standard - 1.27mm = 0127**  
 Or specify Dimension E  
 e.g. 2.50mm = 0250  
 TOL +/- 0.2mm

By	LYH	PN	DR
DETAIL	DRAWING RELEASE	TOLERANCES AMENDED PACKING OPTIONS CHANGED	CHANGE TO SOLDER TEMP. INFORMATION
REV DATE	A 25/10/07	B 30/04/09	C 30/07/09



Tolerances (Except as noted)	Part Number:-	Date:-
Dimensions in mm	BF035	26 OCT 07
X. ± 0.30 X.X ± 0.25 X.XX ± 0.15 X.XXX ± 0.10	X." ± 5.0° X" ± 3.0° XX" ± 2.0° XXX" ± 1.0°	Description:-
Third Angle Projection	2.0mm PITCH PIN HEADER, SINGLE ROW, SURFACE MOUNT, HORIZONTAL	
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Scale NTS	Revision C	Material See Note	Drawn by LYH	Sheet No. E & OE 1/1
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