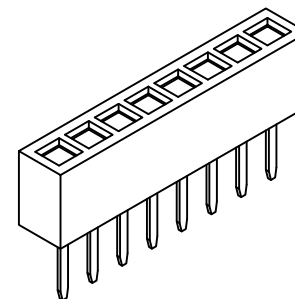
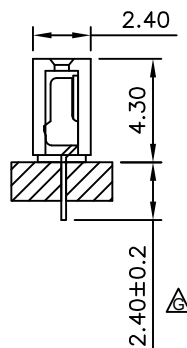
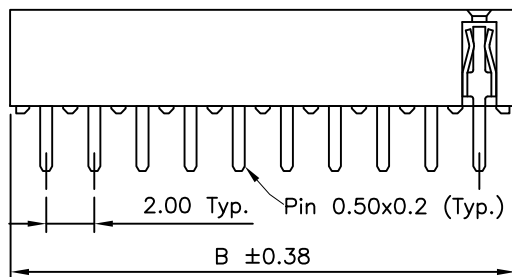


**RECOMMENDED PCB LAYOUT**



CONTACTS	DIMENSIONS	
	A	B
2	2.0	4.6
3	4.0	6.6
4	6.0	8.6
5	8.0	10.6
6	10.0	12.6
7	12.0	14.6
8	14.0	16.6
9	16.0	18.6
10	18.0	20.6
11	20.0	22.6
12	22.0	24.6
13	24.0	26.6
14	26.0	28.6
15	28.0	30.6
16	30.0	32.6
17	32.0	34.6
18	34.0	36.6
19	36.0	38.6
20	38.0	40.6
21	40.0	42.6
22	42.0	44.6
23	44.0	46.6
24	46.0	48.6
25	48.0	50.6
26	50.0	52.6
27	52.0	54.6
28	54.0	56.6
29	56.0	58.6
30	58.0	60.6
31	60.0	62.6
32	62.0	64.6
33	64.0	66.6
34	66.0	68.6
35	68.0	70.6
36	70.0	72.6
37	72.0	74.6
38	74.0	76.6
39	76.0	78.6
40	78.0	80.6

**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: 20 mOHMS 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.  $\Delta$   
 WAVE 波峰焊: 250°C for 5-10 sec.  
 MANUAL SOLDER 人工焊接: 350°C for 3-5 sec  $\Delta$

MATES WITH 配套之母座 (SUBJECT TO PIN LENGTH 在端子长度适合的条件下):  
 BF020 BF021 BF025 BF035 BF036  
 BF040 BF130

**Ordering Grid**

BF085 - XX - X - 0240 - X - X

REQUEST SAMPLES AND QUOTATION

No. of Contacts: 02 to 40

Contact Plating:  
 A = Gold Flash All Over (Standard)  
 B = Selective Gold Flash Contact Area/Tin On Tail  
 C = Tin All Over  
 G = 10 $\mu$ " Gold Contact Area/Tin On Tail  
 I = 30 $\mu$ " Gold Contact Area/Tin On Tail

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

Tail Length (1/100mm):  
 0240 = 2.40mm  $\Delta$

Packing Options  $\Delta$   
 D = Tube (Standard)  
 E = Tube with Cap  
 F = Tube with Film  
 G = Plastic Box  
 For 2 and 3 contacts option G only.  $\Delta$

By	LYH	PN	CB	DR	SA	CM	AJO
DETAIL	DRAWING RELEASE	AMENDED TO VERTICAL ONLY	PACKING OPTIONS CHANGED	CHANGE TO SOLDER TEMP. INFORMATION	AMENDMENT TO STANDARD DIMENSIONS	ECN: B2B packaging -001	SELECTABLE LENGTH REMOVED
REV	A	B	C	D	E	F	G
DATE	31/10/07	09/03/09	27/04/09	05/08/09	08/12/09	19/10/11	25/07/12



Tolerances (Except as noted)		Part Number:-	Date:-	<b>GCT</b>					
Dimensions in mm		BF085	31 OCT 07						
X. ± 0.30	X.° ± 5°	Description:- 2.0mm PITCH SOCKET, SINGLE ROW, THROUGH HOLE, VERTICAL		www.globalconnectortechonlogy.com					
X.X ± 0.20	X.° ± 2°								
X.XX ± 0.15	XX° ± 1°								
X.XXX ± 0.10	XXX° ± 0.5°								
Third Angle Projection		© THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT		Scale NTS	Revision G	Material See Note	Drawn by LYH	E & OE	Sheet No. 1/1