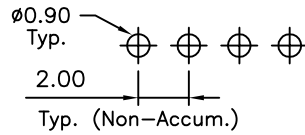
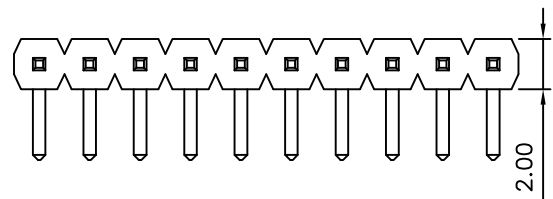
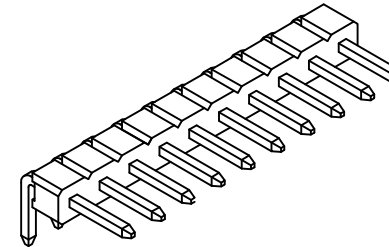
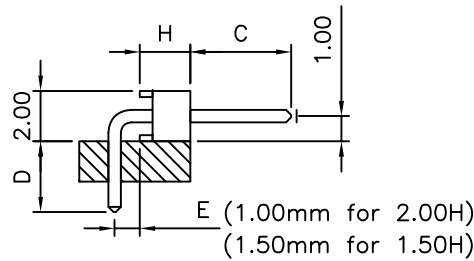


PIN 0.50±0.02 SQ (Typ.)



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

**FEATURES 特点**  
 EASILY BREAKABLE NOTCHES 易折断驳口  
 CUSTOM PIN LENGTH 可定制PIN长度  
 STANDOFFS FACILITATE POST SOLDER CLEANING 支脚设计易于清洁定位焊接点

**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: 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):**  
 BF070 BF085 BF090

By	LYH	CB	DR
DETAIL	DRAWING RELEASE	PACKING OPTIONS CHANGED	CHANGE TO SOLDER TEMP. INFORMATION
REV	A	B	C
DATE	25/10/07	27/04/09	30/07/09

**Ordering Grid**  
 BF021-XX-X-X-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**

Insulator Height 'H':  
 A = 1.50mm  
 B = 2.00mm  
**Standard = 2.00mm**

Dimension D (1/100mm) (Insulator to Pin End)  
**Standard - 2.80mm = 0280**  
 Or specify Dimension D  
 e.g. 2.50mm = 0250  
 TOL +/- 0.2mm

Dimension C (1/100mm) (Post Length)  
**Standard - 4.00mm = 0400**  
 Or specify Dimension C  
 e.g. 2.50mm = 0250  
 TOL +/- 0.2mm

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

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

**REQUEST SAMPLES AND QUOTATION**

Tolerances (Except as noted)	Part Number:-	Date:-
	BF021	25 OCT 07
Dimensions in mm	Description:-	
X. ± 0.30	2.0mm PITCH PIN HEADER, SINGLE ROW, THROUGH HOLE, HORIZONTAL	
X.X ± 0.20	Third Angle Projection	
X.XX ± 0.15	© THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT	
X.XXX ± 0.10	Scale NTS	
X.° ± 5°	Revision C	
X'° ± 2°	Material See Note	
XX'° ± 1°	Drawn by LYH	
XXX'° ± 0.5°	E & OE	

**Global Connector Technology**

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