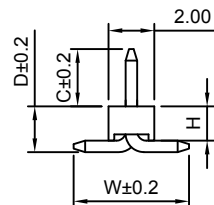
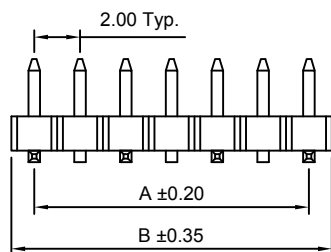


RECOMMENDED PCB LAYOUT



SPECIFICATIONS 规格

CURRENT RATING 电流额定值: 2.0 amp.

INSULATION RESISTANCE 绝缘电阻值: 1000 MΩ min.

CONTACT RESISTANCE 接触电阻值: 20 mΩ max.

DIELECTRIC WITHSTANDING 耐电压: 500 V 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 94V-0

OPTIONS 可选物料: POLYESTER 聚酯, LCP, UL 94V-0

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 BF086 BF091 BF090

No. of Contacts
03 to 40

Contact Plating

A = Gold Flash All Over (Standard)

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

Insulator Height 'H'

B = 2.00mm (Standard)

A = 1.50mm

Type
1 = Type B1
2 = Type B2

REQUEST SAMPLES AND QUOTATION

Packing Options

B = Tape & Reel with Cap (Standard)

D = Tube

E = Tube with Cap ⚠

Insulator Material

N = Nylon 6T (Standard) ⚠

L = LCP

Dimension W (1/100mm) (Footprint Width)

0483 = 4.83mm (Standard) ⚠

0500 = 5.00mm (Standard) ⚠

Or specify Dimension W

eg 0250 = 2.50mm

Dimension D (1/100mm) (PCB to Top of Insulator)

0260 = 2.60mm (Standard for 'H' = B)

0210 = 2.10mm (Standard for 'H' = A)

Or specify Dimension D

eg 0250 = 2.50mm

Dimension C (1/100mm) (Post Height)

0400 = 4.00mm (Standard)

0600 = 6.00mm (Standard) ⚠

Or specify Dimension C

eg 0250 = 2.50mm

CONTACTS	DIMENSIONS	
	A	B
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

By	LYH	PN	DR	SA	AJO
DETAIL	DRAWING RELEASE	TOLERANCES AMENDED & PACKING OPTIONS CHANGED	SOLDER TEMP. CHANGE	STANDARD DIMS AMENDED	INSULATOR STANDARD CORRECTED TO N6T
REV DATE	A 31/10/07	B 30/04/09	C 30/07/09	D 08/12/09	E 25/07/13



Tolerances (Except as noted)	Part Number:-	Date:-
Dimensions in mm	BF040	31 OCT 07
X.X ± 0.38 X.XX ± 0.25 X.XXX ± 0.13 XXX* ± 0.5"	Description:- 2.0mm PITCH PIN HEADER, SINGLE ROW, SURFACE MOUNT	
X" ± 5° X" ± 2° XX* ± 1° XXX* ± 0.5"		
Third Angle Projection	© THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT	Scale NTS

Revision	Material	Drawn by	Sheet No.
E	See Note	LYH	1/1

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