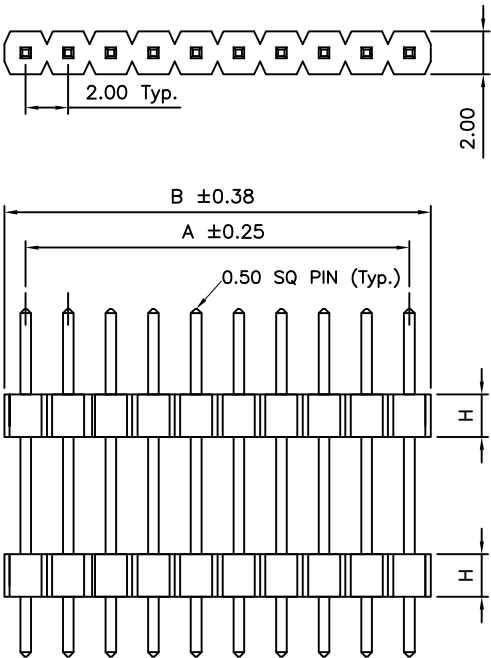
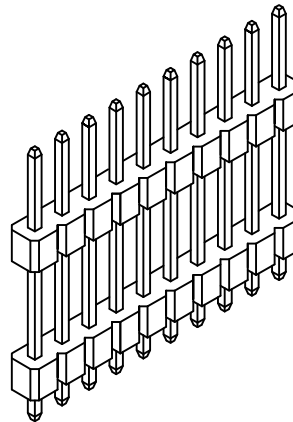


RECOMMENDED PCB LAYOUT



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 BF086 BF090 BF091

Ordering Grid
BF025-XX-X-XXXX-XXXX-XXXX-X-X
REQUEST SAMPLES AND QUOTATION

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 E (1/100mm)
(Stack Height)
Standard - 8.00mm = 0800
Minimum - 3.00mm = 0300
Or specify Dimension E
e.g. 5.00mm = 0500
TOL +/- 0.2mm

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

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

Dimension D (1/100mm)
(Tail Length)
Standard - 3.00mm = 0300
Or specify Dimension D
e.g. 2.80mm = 0280
TOL +/- 0.2mm

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

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



Tolerances (Except as noted)		Part Number:-	Date:-
Dimensions in mm		BF025	25 OCT 07
X: ± 0.30	X: °±5°	Description:-	
X.X ± 0.20	.X"±2°	2.0mm PITCH ELEVATED PIN HEADER, SINGLE ROW, THROUGH HOLE, STRAIGHT	
X.XX ± 0.15	.XX"±1°	© THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT	
X.XXX ± 0.10	.XXX"±0.5°	Third Angle Projection	

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

GCT

www.globalconnectortechonology.com