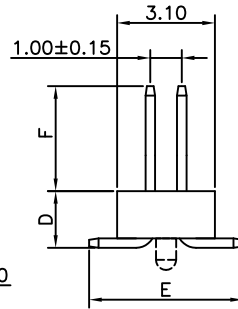
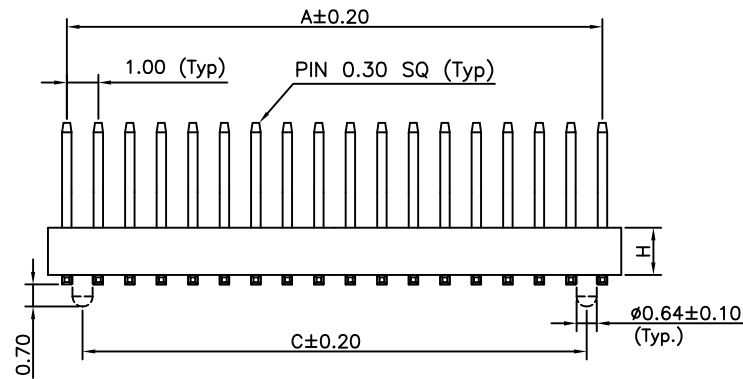
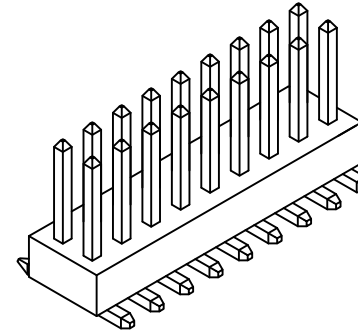


RECOMMENDED PCB LAYOUT



Ordering Grid

BC050-XX-X-XXXX-XXXX-XXXX-LX

No. of Contacts
04 to 80
Contact Plating
A = Gold Flash All Over
C = Tin All Over
Standard = Gold Flash All Over

Insulator Height 'H'
K = 1.00mm
A = 1.50mm
Standard = 1.00mm

Dimension F (1/100mm)
(Post Height)
Standard - 2.00mm = 0200
Standard - 3.80mm = 0380
or specify Dimension F
e.g. 2.50mm = 0250
Tol ± 0.2mm

Dimension D (1/100mm)
(Top of Insulator to Bottom of Pin)
Standard - 1.60mm = 0160
or specify Dimension D
e.g. 2.50mm = 0250
Tol ± 0.2mm

REQUEST SAMPLES AND QUOTATION

Packing Options **A**
B = Tape and Reel with Cap (Standard)
D = Tube (not available in 4-18 contacts)
E = Tube with Cap (not available in 4-18 contacts)
G = Plastic Box (available in 4-18 contacts)

Insulator Material
L = LCP (Standard)
Dimension E (1/100mm)
(Footprint Width)
Standard - 4.80mm = 0480
or specify Dimension E
e.g. 2.50mm = 0250
Tol ± 0.2mm

SPECIFICATIONS 规格:

CURRENT RATING 电流额定值: 1 AMP
INSULATOR RESISTANCE 绝缘电阻值: 1000 MEGOHMS MIN.
DIELECTRIC WITHSTANDING 耐电压: AC 300 V
CONTACT RESISTANCE 接触电阻值: 20mΩ Max.
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: POLYESTER 聚酯, LCP, UL 94-V0
SOLDERING PROCESS 可焊性:
LCP (STANDARD 标准物料) -

IR REFLOW 回流焊: 260°C for 10 sec **A**

WAVE 波峰焊: 250°C for 5-10 sec

MANUAL SOLDER 人工焊接: 350°C for 3-5 sec **A**

MATES WITH 配套之母座 (SUBJECT TO PIN LENGTH 在端子长度适合的条件下):
BC084 BC085

By	ASE	GG	ASE	SA	SA	ASE
DETAIL	DRAWING RELEASE	CHANGE TO SOLDER TEMP. INFORMATION	STANDARD HEIGHT 'H' AMENDED	STANDARD DIM. CHANGED	PLATING OPT. CHANGED	PACKAGING CLARIFICATION
REV DATE	A 20/05/08	B 23/07/09	C 30/09/09	D 08/12/09	E 21/12/09	F 05/01/10



Tolerances (Except as noted)		Part Number:-	Date:-
Dimensions in mm		BC050	20 MAY 08
X. ± 0.30	X." ± 5°	Description:- 1.0mm PITCH PIN HEADER, DUAL ROW, SURFACE MOUNT, VERTICAL	
X.X ± 0.25	X" ± 3°		
X.XX ± 0.15	XXX" ± 2°		
X.XXX ± 0.10	XXXX" ± 1°		
		 THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT	
Third Angle Projection			

CONTACTS	DIMENSIONS		
	A	B	C
4	1.00	2.00	---
6	2.00	3.00	---
8	3.00	4.00	---
10	4.00	5.00	3.00
12	5.00	6.00	4.00
14	6.00	7.00	5.00
16	7.00	8.00	6.00
18	8.00	9.00	7.00
20	9.00	10.00	8.00
22	10.00	11.00	9.00
24	11.00	12.00	10.00
26	12.00	13.00	11.00
28	13.00	14.00	12.00
30	14.00	15.00	13.00
32	15.00	16.00	14.00
34	16.00	17.00	15.00
36	17.00	18.00	16.00
19	18.00	19.00	17.00
40	19.00	20.00	18.00
42	20.00	21.00	19.00
44	21.00	22.00	20.00
46	22.00	23.00	21.00
48	23.00	24.00	22.00
50	24.00	25.00	23.00
52	25.00	26.00	24.00
54	26.00	27.00	25.00
56	27.00	28.00	26.00
58	28.00	29.00	27.00
60	29.00	30.00	28.00
62	30.00	31.00	29.00
64	31.00	32.00	30.00
66	32.00	33.00	31.00
68	33.00	34.00	32.00
70	34.00	35.00	33.00
72	35.00	36.00	34.00
74	36.00	37.00	35.00
38	37.00	38.00	36.00
78	38.00	39.00	37.00
80	39.00	40.00	38.00

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