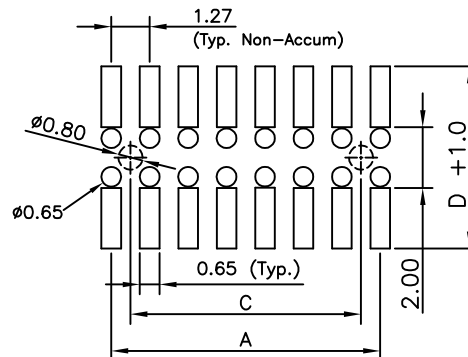
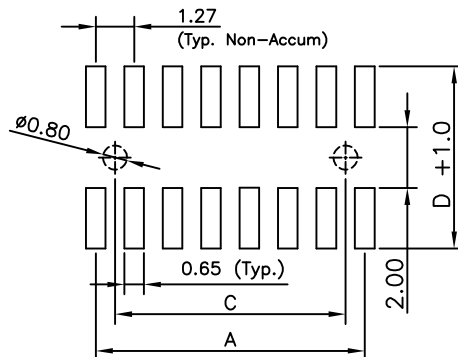
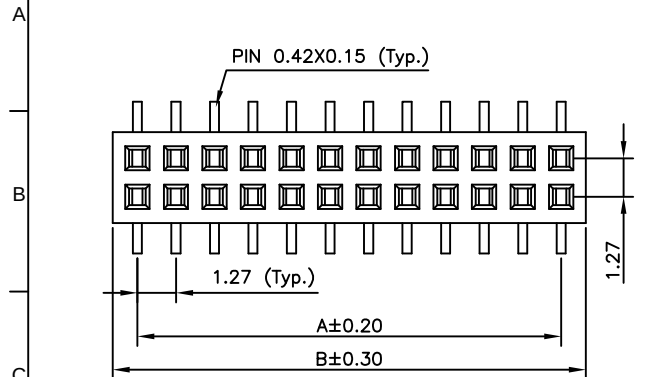
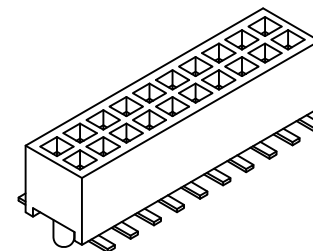
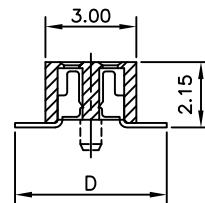
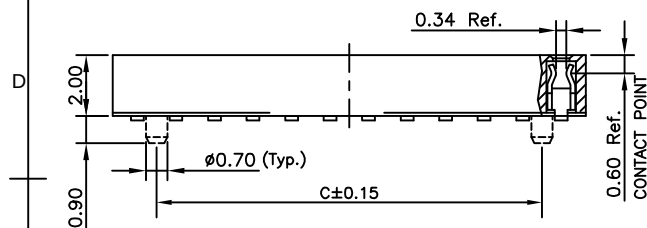




RECOMMENDED PCB LAYOUT



SPECIFICATIONS 规格:

CURRENT RATING 电流额定值: 1 AMP

INSULATOR RESISTANCE 绝缘电阻值: 1000 MEGOHMS MIN.

CONTACT RESISTANCE 接触电阻值: 20 m OHMS MAX

DIELECTRIC WITHSTANDING 耐电压: AC 500 V

OPERATING TEMPERATURE 工作温度: -40° TO +105°C

OPERATING TEMPERATURE : 230°C FOR 30-60 SECONDS

CONTACT MATERIAL 端子物料: PHOSPHOR BRONZE

INSULATOR MATERIAL 绝缘体物料:

STANDARD 标准物料: POLYESTER 聚酯, LCP, UL 94-V0

OPTIONS 可选物料: POLYAMIDE 聚酰胺, NYLON 6T, UL 94-V0

SOLDERING PROCESS 可焊性:

LCP (STANDARD 标准物料) -

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

NYLON 6T (OPTION 可选物料) -

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 3-5sec

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

BD025 BD030 BD035 BD038 BD040

BD095

By	LYH	PN	PN	PN	CB	AE	SA	SA
DETAIL	DRAWING RELEASE	AMENDED TO TOP ENTRY	AMENDED TO DUAL ENTRY	STANDARD INSULATOR MATERIAL & PACKING OPTIONS CHANGED	PACKING OPTIONS CHANGED	SOLDER TEMP & MATES WITH INFO. UPDATED	PACKING OPTIONS CHANGED	PLATING OPTIONS CHANGED
REV	A	B	C	D	E	F	G	H
DATE	28/12/07	04/03/09	17/04/09	27/04/09	20/05/09	27/07/09	29/03/10	17/05/10

Ordering Grid

BD050-XX-X-X-XXXX-X-X REQUEST SAMPLES AND QUOTATION

No. of Contacts
06 to 80

Contact Plating
A = Gold Flash All Over
C = Tin All Over
Standard = Gold Flash All Over

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

Locating Peg
0 = No Peg
1 = With Peg

Dimension D (1/100mm)
(Footprint Width)
Standard - 5.00mm = 0500
or specify Dimension D
e.g. 2.50mm = 0250
Tol +/- 0.2mm

Packing Options
B = Tape & Reel with Cap (Standard)
D = Tube
E = Tube with Cap
F = Tube with Film

For bottom entry applications, stringent soldering control & pin alignment are required as lead to pad misalignment could cause incorrect mating.

CONTACTS	DIMENSIONS		
	A	B	C
06	2.54	4.05	1.27
08	3.81	5.32	2.54
10	5.08	6.59	3.81
12	6.35	7.86	5.08
14	7.62	9.13	6.35
16	8.89	10.40	7.62
18	10.16	11.67	8.89
20	11.43	12.94	10.16
22	12.70	14.21	11.43
24	13.97	15.48	12.70
26	15.24	16.75	13.97
28	16.51	18.02	15.24
30	17.78	19.29	16.51
32	19.05	20.56	17.78
34	20.32	21.83	19.05
36	21.59	23.10	20.32
38	22.86	24.37	21.59
40	24.13	25.64	22.86
42	25.40	26.91	24.13
44	26.67	28.18	25.40
46	27.94	29.45	26.67
48	29.21	30.72	27.94
50	30.48	31.99	29.21
52	31.75	33.26	30.48
54	33.02	34.53	31.75
56	34.29	35.80	33.02
58	35.56	37.07	34.29
60	36.83	38.34	35.56
62	38.10	39.61	36.83
64	39.37	40.88	38.10
66	40.64	42.15	39.37
68	41.91	43.42	40.64
70	43.18	44.69	41.91
72	44.45	45.96	43.18
74	45.72	47.23	44.45
76	46.99	48.50	45.72
78	48.26	49.77	46.99
80	49.53	51.04	48.26



Tolerances (Except as noted)		Part Number:-	Date:-
Dimensions in mm		BD050	28 DEC 07
X. ± 0.30	X. ° ± 5°	Description:- 1.27mm PITCH SOCKET, DUAL ROW, SURFACE MOUNT, LOW PROFILE, DUAL ENTRY	
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	Revision	Material	Drawn by	Sheet No.
NTS	H	See Note	LYH	E & OE
				1/1

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