



Ordering Grid: **BD032** - **XX** - **X** - **XXX** - **X** - **XXXX** - **L** - **X** **REQUEST SAMPLES AND QUOTATION**

No. of Contacts  
10 to 80

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**

Packing Options  
**D = Tube (Standard)**  
**E = Tube with Cap**

Insulator Material  
**L = LCP**

Locating Peg  
**0 = No Peg**  
**1 = With Peg**

Dimension D (1/100mm)  
(Tail Length)  
**0225 = 2.25mm (Standard)**  
or specify Dimension D  
e.g. 0250 = 2.50mm

Insulator Height 'H'  
**092 = 9.20mm (Standard)**  
Please see Table A for all options

Order Code	Insulator Height	Order Code	Insulator Height
070	7.00mm	115	11.50mm
074	7.40mm	121	12.10mm
076	7.60mm	122	12.20mm
082	8.20mm	132	13.20mm
083	8.30mm	136	13.60mm
084	8.40mm	153	15.30mm
087	8.70mm	156	15.60mm
090	9.00mm	166	16.60mm
092	9.20mm	169	16.90mm
095	9.50mm	212	21.20mm
102	10.20mm		

**SPECIFICATIONS 规格:**

**CURRENT RATING 电流额定值:** 1 AMP  
**INSULATOR RESISTANCE 绝缘电阻值:** 1000 MΩ MIN.  
**DIELECTRIC WITHSTANDING 耐压:** AC 300 V  
**CONTACT RESISTANCE 接触电阻值:** 20 mΩ 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 94V-0   
**SOLDERING PROCESS 可焊性:**  
**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):** BD065 - Allowing perfect polarisation  
 - Non-Polarised mating connections available - contact GCT for details

By	AE	AE	AJO	AJO
DETAIL	DRAWING RELEASE	INSULATOR INFO AMMENDED	82B PCN002 1.27mm HEADER N6T REMOVAL	BD032 X PCN
REV DATE	A 03/04/08	B 27/07/09	C 18/03/13	X 15/05/14



Tolerances (Except as noted)		Part Number:-	Date:-
Dimensions in mm		<b>BD032</b>	03 APR 08
X ± 0.30	X* ± 5°	Description:-	
XX ± 0.20	X* ± 2°	1.27mm PITCH SHROUDED PIN HEADER, DUAL ROW, THROUGH HOLE, VERTICAL	
XXX ± 0.15	XX* ± 1°	© THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT	
XXXX ± 0.10	XXX* ± 0.5°	Third Angle Projection	

CONTACTS	DIMENSIONS			
	A	B	C	D
10	5.08	9.55	8.23	6.95
12	6.35	10.82	9.50	8.22
14	7.62	12.09	10.77	9.49
16	8.89	13.36	12.04	10.76
18	10.16	14.63	13.31	12.03
20	11.43	15.90	14.58	13.30
22	12.70	17.17	15.85	14.57
24	13.97	18.44	17.12	15.84
26	15.24	19.71	18.39	17.11
28	16.51	20.98	19.66	18.38
30	17.78	22.25	20.93	19.65
32	19.05	23.52	22.20	20.92
34	20.32	24.79	23.47	22.19
36	21.59	26.06	24.74	23.46
38	22.86	27.33	26.01	24.73
40	24.13	28.60	27.28	26.00
42	25.40	29.87	28.55	27.27
44	26.67	31.14	29.82	28.54
46	27.94	32.41	31.09	29.81
48	29.21	33.68	32.36	31.08
50	30.48	34.95	33.63	32.36
52	31.75	36.22	34.90	33.62
54	33.02	37.49	36.17	34.89
56	34.29	38.76	37.44	36.16
58	35.56	40.03	38.71	37.43
60	36.83	41.30	39.98	38.70
62	38.10	42.57	41.25	39.97
64	39.37	43.84	42.52	41.24
66	40.64	45.11	43.79	42.51
68	41.91	46.38	45.06	43.78
70	43.18	47.65	46.33	45.05
72	44.45	48.92	47.60	46.32
74	45.72	50.19	48.87	47.59
76	46.99	51.46	50.14	48.86
78	48.26	52.73	51.41	50.13
80	49.53	54.00	52.68	51.40

**GCT**

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Scale	Revision	Material	Drawn by	Sheet No.
NTS	X	See Note	AE	E & OE 1/1