

Specifications

Material

Insulator Material
Polyamide, Nylon 6T, UL 94V-0
Contact Terminal: Copper Alloy

Plating

See Ordering Grid

Electrical

Current Rating: 1A per pin
Contact Resistance: 20 mΩ max.
Insulating Resistance: 1000 MΩ min.
Dielectric Withstand Voltage: 300V AC

Soldering Process:

IR Reflow: 260°C for 10 sec.
Wave: 230°C for 5-10 sec
Manual Solder: 350°C for 3-5 sec

Mechanical & Environmental

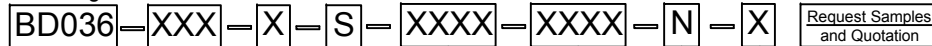
Operating Temperature: -40°C to +105°C

Mates with (Subject to pin length)

BD065 - Allowing perfect polarisation
Non-Polarised mating connections available
contact GCT for details

No. of Contacts	Dimensions		
	A	B	C
10	5.08	9.55	6.95
12	6.35	10.82	8.22
14	7.62	12.09	9.49
16	8.89	13.36	10.76
18	10.16	14.63	12.03
20	11.43	15.90	13.30
22	12.70	17.17	14.57
24	13.97	18.44	15.84
26	15.24	19.71	17.11
28	16.51	20.98	18.38
30	17.78	22.25	19.65
32	19.05	23.52	20.92
34	20.32	24.79	22.19
36	21.59	26.06	23.46
38	22.86	27.33	24.73
40	24.13	28.60	26.00
42	25.40	29.87	27.27
44	26.67	31.14	28.54
46	27.94	32.41	29.81
48	29.21	33.68	31.08
50	30.48	34.95	32.35
52	31.75	36.22	33.62
54	33.02	37.49	34.89
56	34.29	38.76	36.16
58	35.56	40.03	37.43
60	36.83	41.30	38.70
62	38.10	42.57	39.97
64	39.37	43.84	41.24
66	40.64	45.11	42.51
68	41.91	46.38	43.78
70	43.18	47.65	45.05
72	44.45	48.92	46.32
74	45.72	50.19	47.59
76	46.99	51.46	48.86
78	48.26	52.73	50.13
80	49.53	54.00	51.40
82	50.80	55.27	52.67
84	52.07	56.54	53.94
86	53.34	57.81	55.21
88	54.61	59.08	56.48
90	55.88	60.35	57.75
92	57.15	61.62	59.02
94	58.42	62.89	60.29
96	59.69	64.16	61.56
98	60.96	65.43	62.83
100	62.23	66.70	64.10
102	63.50	67.97	65.37
104	64.77	69.24	66.64
106	66.04	70.51	67.91
108	67.31	71.78	69.18
110	68.58	73.05	70.45
112	69.85	74.32	71.72
114	71.12	75.59	72.99
116	72.39	76.86	74.26
118	73.66	78.13	75.53
120	74.93	79.40	76.80

Ordering Grid



No. of Contacts
10 to 120

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

Insulator Material
N = Nylon 6T (Standard)

Dimension E (1/100mm)
(Top of Insulator to Edge of Pin)
0770 = 7.70mm (Standard)
or specify Dimension E
eg 0250 = 2.50mm
(Maximum 1100=11.00mm)
(Minimum 0750=7.50mm)

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'
S = 5.70mm (Standard)

Dimension D (1/100mm) (Tail Length)
0210 = 2.10mm (Standard)
or specify Dimension D eg 0250 = 2.50mm
(Maximum 0500=5.00mm)
(Minimum 0100=1.00mm)

Part Number		Product Description	
BD036		1.27mm Pitch Shrouded Pin Header, Dual Row, Through-Hole, Horizontal	
Drawing Date		3rd April 2008	
By	CC	Tolerances (Except as Noted)	Units:
Detail	BD036 C PCN	Length X. ± 0.30 X.X ± 0.25 X.XX ± 0.15 X.XXX ± 0.10	Metric (mm)
Revision	C1	Angle X.° ± 5° X.X° ± 3° X.XX° ± 2° X.XXX° ± 1°	3rd Angle Projection
Date	13/10/17		



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Not to Scale	Drawn By AE	Sheet No. 1/1
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