

BB02-HD :- 2.54mm (0.1") PIN HEADER,BOARD SPACER SINGLE ROW 01 to 40 CONTACTS

SPECIFICATIONS

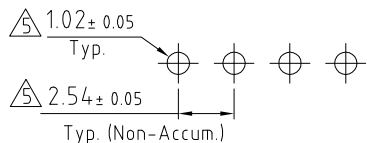
CURRENT RATING 3 AMP
 INSULATOR RESISTANCE 5000 MEGOHMS MIN.
 DIELECTRIC WITHSTANDING AC 500 V
 OPERATING TEMPERATURE -40°C TO +105°C
 CONTACT MATERIAL BRASS
 INSULATOR MATERIAL THERMOPLASTIC, UL 94V-0
 NYLON 6T (STANDARD)
 PBT (SPECIAL OPTION)

PLATING GOLD, TIN, OR SELECTIVE PLATED OVER 30-50U" NICKEL
 SOLDERABILITY: NYLON 6T - IR REFLOW: 260°C FOR 10 SEC
 WAVE: 230°C FOR 5-10 SEC
 MANUAL SOLDER: 350°C FOR 3-5 SEC
 PBT - MANUAL SOLDER: 330°C FOR 3-5 SEC
 (NOT SUITABLE FOR HI-TEMP PROCESS)

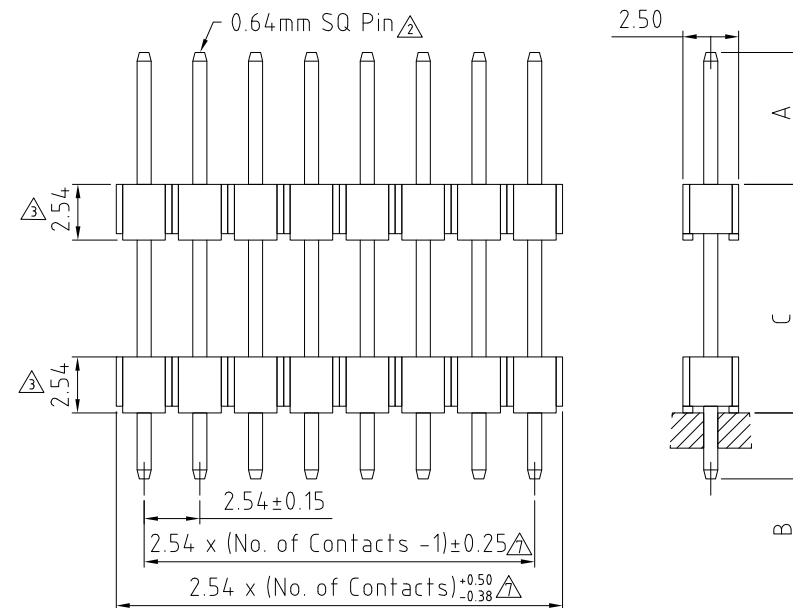
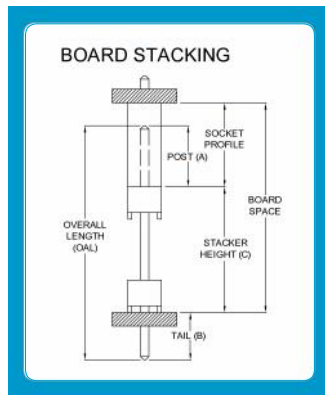
PACKED LOOSE IN BAG OR BOX.

MATES WITH :- BB02-JB BB02-JG BB02-JT
 BB02-JC BB02-JJ BB02-JU
 BB02-JD BB02-JL BB02-KR
 BB02-JE BB02-JR
 BB02-JF BB02-JS

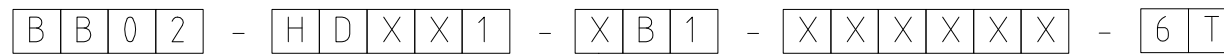
NOTES:
 1. MAX. OAL (OVERALL PIN LENGTH A+C+B)
 = 50mm.



RECOMMENDED PC BOARD HOLE LAYOUT



HOW TO ORDER



NO. OF CONTACTS
01 to 40

CONTACT PLATING OPTIONS:
 K = GOLD FLASH (STANDARD)
 A = 10U" GOLD ON CONTACT/GOLD FLASH ON TAIL
 B = 15U" GOLD ON CONTACT/GOLD FLASH ON TAIL
 C = 30U" GOLD ON CONTACT/GOLD FLASH ON TAIL
 T = TIN
 M = MATT TIN
 D = GOLD FLASH ON CONTACT/BRIGHT TIN ON TAIL
 E = 10U" GOLD ON CONTACT/BRIGHT TIN ON TAIL
 F = 15U" GOLD ON CONTACT/BRIGHT TIN ON TAIL
 G = 30U" GOLD ON CONTACT/BRIGHT TIN ON TAIL

PIN LENGTH A (1/10mm)
 SPECIFY PIN LENGTH
 STANDARD = 60 = 6.0mm
 MINIMUM = 10 = 1.0mm
 MAXIMUM = 150 = 15.0mm
 TOL.: ±0.25mm

PIN LENGTH B (1/10mm)
 SPECIFY PIN LENGTH
 STANDARD = 30 = 3.0mm
 MINIMUM = 10 = 1.0mm
 MAXIMUM = 150 = 15.0mm
 TOL.: ±0.25mm

INSULATOR MATERIAL
 6T = NYLON 6T (STANDARD)
 BLANK = PBT (Not suitable for new designs.)

LONGER PIN LENGTH REQUIRED?
 If pin length required is longer than 9.9mm (99), then use a '/' to separate the numbers.
 Example: A=6.0mm, B=3.0mm, C=12.5mm, mark as 60 / 30 / 125.

PIN LENGTH C (1/10mm)
 SPECIFY PIN LENGTH
 MINIMUM = 51 = 5.1mm
 MAXIMUM = SEE NOTE: 1
 TOL.: ±0.25mm

REV	DATE & DRN
10	29/06/02 - SJT RELEASE
11	23/08/04 - GHC
12	17/02/04 - NYW
13	26/01/05 - NYW
14	16/08/06 - NYW
15	27/02/07 - NYW
16	27/07/09 - NYW
17	06/05/10 - NYW
18	08/07/11 - NYW

19	26/07/11 - NYW
20	08/07/11 - NYW
21	08/07/11 - NYW
22	08/07/11 - NYW
23	08/07/11 - NYW
24	08/07/11 - NYW
25	08/07/11 - NYW
26	08/07/11 - NYW
27	08/07/11 - NYW
28	08/07/11 - NYW
29	08/07/11 - NYW
30	08/07/11 - NYW
31	08/07/11 - NYW
32	08/07/11 - NYW
33	08/07/11 - NYW
34	08/07/11 - NYW
35	08/07/11 - NYW
36	08/07/11 - NYW
37	08/07/11 - NYW
38	08/07/11 - NYW
39	08/07/11 - NYW
40	08/07/11 - NYW

Scale:	4:1
Drawn:	SJT
App'd:	XXX
Date:	8 NOV. '17

THIRD ANGLE	
Title	PIN HEADER
Revision:	1.8

Unstated Tolerances:	X: ± 0.30 X: ± 0.25 XX: ± 0.15 XXX: ± 0.10
Material	SEE NOTE
Unit	mm

Material	SEE NOTE
NOT TO SCALE	

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Type:	BB02-HD
Drawing Number:	BB02-HD
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Drawing	© E and O E