

BB02-JG :- 2.54mm ( 0.1") SMD FEMALE HEADER, SINGLE ROW, STRAIGHT, 02 to 40 CONTACTS, DUAL ENTRY

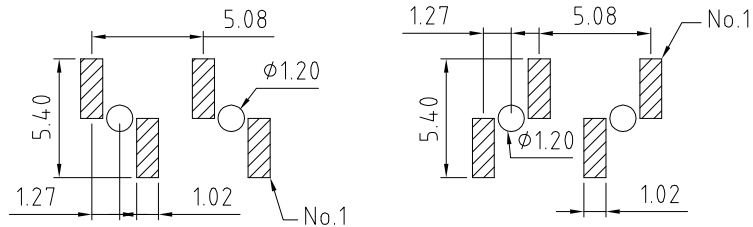
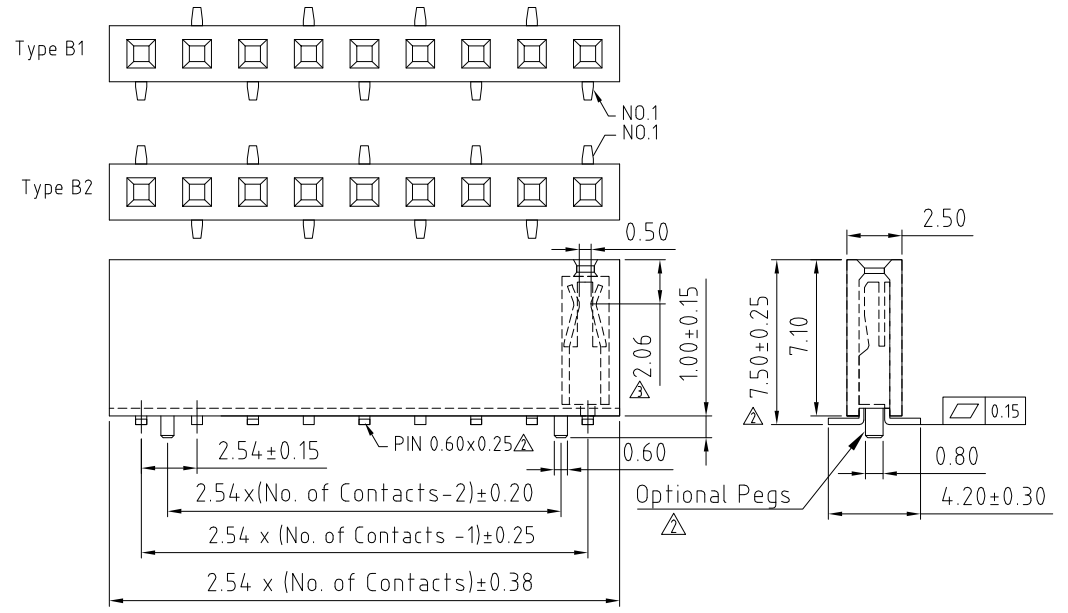
SPECIFICATIONS

CURRENT RATING	3 AMP
INSULATOR RESISTANCE	1000 MEGOHMS MIN.
CONTACT RESISTANCE	20 m ohms MAX.
DIELECTRIC WITHSTANDING	AC 600 V
OPERATING TEMPERATURE	-40°C~+105°C
CONTACT MATERIAL	PHOSPHOR BRONZE
INSULATOR MATERIAL	THERMOPLASTIC, UL 94V-0 STANDARD NYLON-6T
PLATING	GOLD, TIN OR SELECTIVE OVER 30-50U" NICKEL
SOLDERABILITY	IR REFLOW: 260°C FOR 10 SEC MANUAL SOLDER: 350°C FOR 3-5 SEC

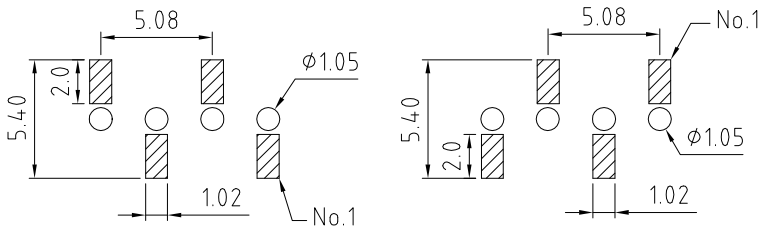
NOTES:

1. RECOMMENDED MATING PIN LENGTH FOR TOP ENTRY: 4.0MM  $\Delta$

MATES WITH:-	BB02-HA	BB02-HG	BB02-TA	BB02-TK
	BB02-HC	BB02-HH	BB02-TC	
	BB02-HD	BB02-HY	BB02-TJ	

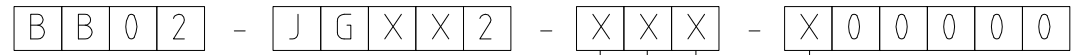


RECOMMENDED PCB LAYOUT FOR TOP ENTRY  $\Delta$



RECOMMENDED PCB LAYOUT FOR BOTTOM ENTRY  $\Delta$   
(TOLERANCE:  $\pm 0.05$ )

HOW TO ORDER



- NO. OF CONTACTS  $\Delta$  02 TO 40
- $\Delta$  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 = BRIGHT 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
- PACKAGING OPTIONS  $\Delta$ 
  - 3 - TUBE
  - 5 - TUBE & CAP
  - 6 - T & R
  - 8 - T & R & CAP
- $\Delta$  LOCATING PEG OPTIONS:
  - 0 - WITHOUT PEGS
  - A - WITH PEGS (not suitable for bottom entry design)
- CONNECTOR TYPE
  - 1 = TYPE B1
  - 2 = TYPE B2

REV.	DATE	DRN
10	29/06/02	- S/JT RELEASE
11	03/02/05	- CHC REMOVE PACK OPTION 4 AND 7.
12	03/02/05	- NYW ADD OPTION 8.
13	15/02/06	- NYW AMEND DIMENSIONS D-G.
14	18/08/06	- NYW AMEND PCB LAYOUT.
15	09/05/07	- CHC AMEND CONTACT DEPTH.
16	27/05/08	- NYW DRAWING MODIFICATION.
17	17/02/09	- CHC AMEND BOTTOM ENTRY LAYOUT.
18	23/12/10	- CHC AMEND NOTES 1.
19	20/12/11	- NYW AMEND NUMBER OF WAYS.
20	23/12/11	- NYW AMEND LOCATING PEG OPTION.
21	23/12/11	- NYW REMOVE PEGS OPTION FROM BOTTOM ENTRY.

Scale:	4:1
Drawn:	SJT
App'd:	XXXX
Date:	23 DEC '11
THIRD ANGLE	
Title	SOCKET
Revision:	2.0

Unstated Tolerances:	Material
X $\pm 0.30$	SEE NOTE
X $\pm 0.25$	
XX $\pm 0.15$	
XXX $\pm 0.10$	
	NOT TO SCALE
	Unit: mm

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Type:	BB02-JG
Drawing Number:	BB02-JG
Sheet	1 of 1
Drawing	© E and O E