

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

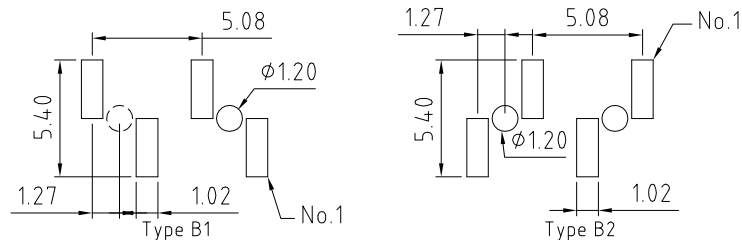
SPECIFICATIONS

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

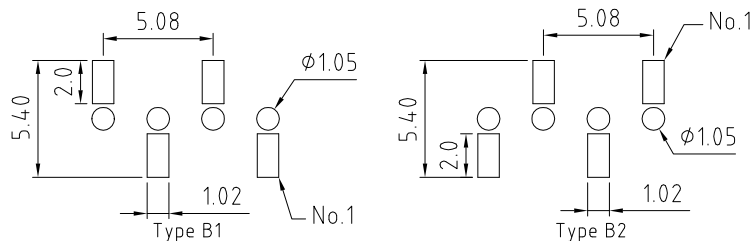
NOTES:

1. RECOMMENDED MATING PIN LENGTH FOR TOP ENTRY: 4.0MM  $\Delta$
2. PARTS WITH SMALLER CONTACT NUMBERS MAY BE PACKED IN BOX INSTEAD OF IN TUBE.
3. MAX. NUMBER OF CONTACTS ALLOWED FOR TAPE & REEL PACKAGING: 32 CONTACTS.

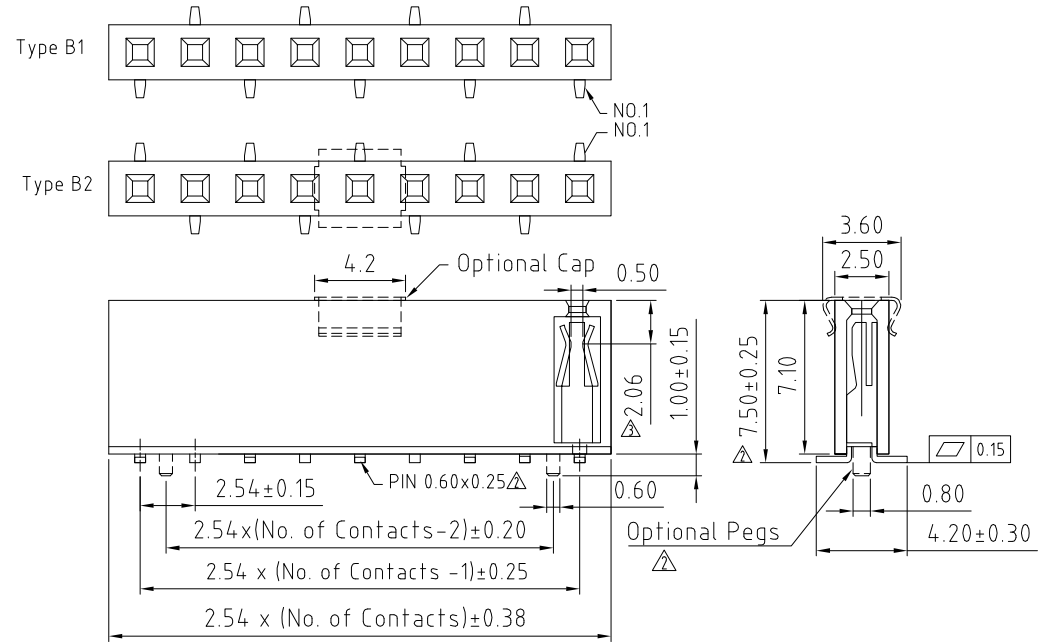
MATES WITH:- BB02-HA BB02-HD BB02-HH BB02-TC BB02-TK  
BB02-HC BB02-HG BB02-HY BB02-TJ BB02-TP



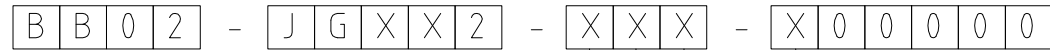
RECOMMENDED PCB LAYOUT FOR TOP ENTRY  $\Delta$



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 (standard)
- 5 = TUBE & CAP
- 6 = TAPE & REEL
- 8 = TAPE & REEL & CAP (see notes 2 & 3)

CONNECTOR TYPE:

- 1 = TYPE B1
- 2 = TYPE B2

$\Delta$  LOCATING PEG OPTIONS:  
0 = WITHOUT PEGS  
A = WITH PEGS (min. 3pins, not suitable for bottom entry design)

REV.	DATE	BY	DESCRIPTION
1.0	29/06/02	SJT	RELEASE
1.1	03/02/05	CHC	ADD LOCATING PEG OPTION 4 AND 7.
1.2	16/06/05	NYW	ADD PLATING OPTIONS D-G.
1.3	15/02/06	NYW	ADD CONTACT DEPTH.
1.4	08/08/06	NYW	DRAWING MODIFICATION.
1.5	09/05/07	CHC	ADD NOTES 1.
1.6	27/05/08	PN	ADD MATT TIN PLATING.
1.7	17/02/09	CHC	DRAWING MODIFICATION.
1.8	21/12/10	CHC	AMENDED NUMBER OF PAYS.
1.9	20/12/11	NYW	ADD LOCATING PEG OPTION.
2.0	23/12/11	NYW	REMOVE PEGS OPTION FROM BOTTOM ENTRY.
2.1	28/05/12	NYW	ADD CAP DRAWING.
2.2	23/10/13	NYW	ADD NOTES 2 & 3.
2.3	17/02/16	NYW	ADD WITH PEG MIN. 3 PINS.

Scale:	4:1	THIRD ANGLE	Unstated Tolerances: X $\pm 0.30$ X $\pm 0.25$ XX $\pm 0.15$ XXX $\pm 0.10$	Material	SEE NOTE
Drawn:	SJT				
App'd:	XXXX	Title	SOCKET		NOT TO SCALE
Date:	17 FEB. '16	Revision:	2.3	Unit:	mm

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