

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

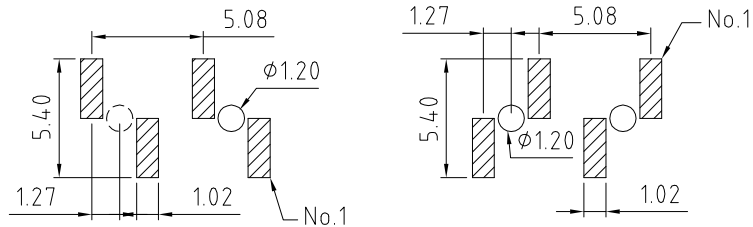
SPECIFICATIONS

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

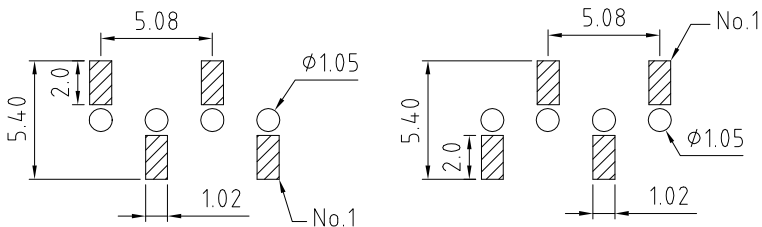
NOTES:

1. RECOMMENDED MATING PIN LENGTH FOR TOP ENTRY: 4.0MM Δ

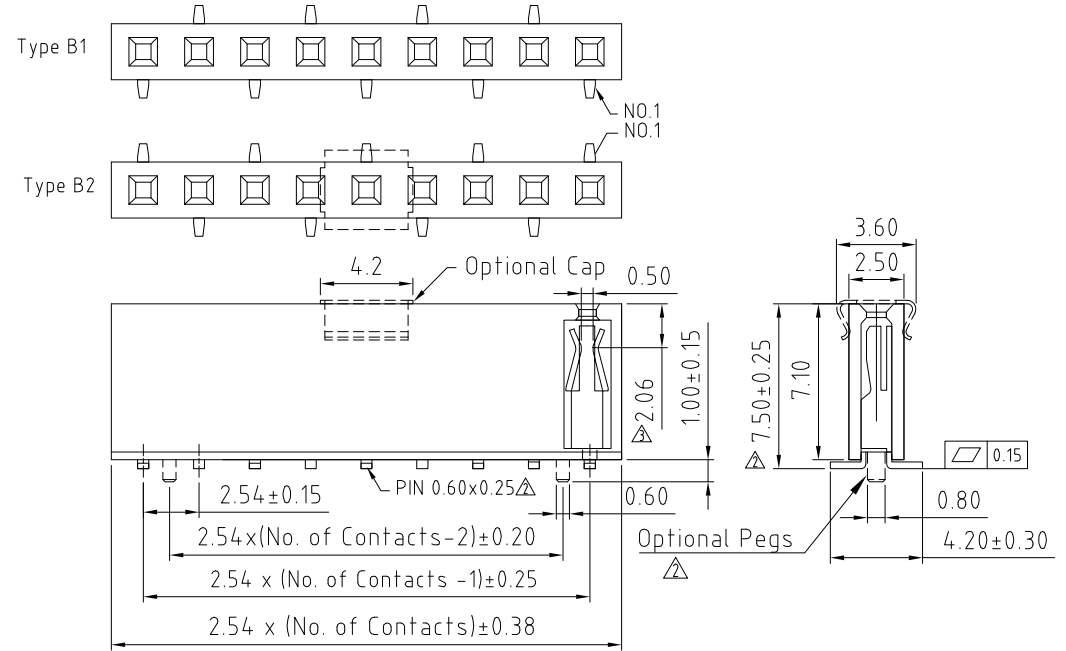
MATES WITH:- BB02-HA BB02-HG BB02-TA BB02-TK
BB02-HC BB02-HH BB02-TC BB02-TP
BB02-HD BB02-HY BB02-TJ



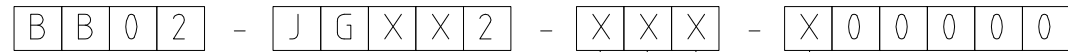
RECOMMENDED PCB LAYOUT FOR TOP ENTRY Δ



RECOMMENDED PCB LAYOUT FOR BOTTOM ENTRY Δ
(TOLERANCE: ± 0.05)



HOW TO ORDER



NO. OF CONTACTS
 Δ 02 TO 40

Δ 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 Δ

- 3 - TUBE
- 5 - TUBE & CAP
- 6 - T & R
- 8 - T & R & CAP

Δ 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
	Δ REMOVE PACK OPTION 4 AND 7.
	ADD OPTION 8
	12 08/04/06 - NYW
	Δ AMEND P/N NO. 03-02
	Δ ADD PLATING OPTIONS D-G
	AMEND DIMENSIONS
	AMEND PCB LAYOUT
	13 15/02/06 - NYW
	Δ AMEND CONTACT DEPTH.
	14 18/08/06 - NYW
	DRAWING MODIFICATION
	15 09/05/07 - CHC
	Δ ADD NOTES 1.
	Δ ADD BOTTOM ENTRY LAYOUT
	16 27/05/08 - PN
	ADD MATT TIN PLATING
	17 17/02/09 - CHC
	DRAWING MODIFICATION
	18 23/12/10 - CHC
	APPENDED NUMBER OF WAYS
	19 20/12/11 - NYW
	Δ ADD LOCATING PEG OPTION
	20 23/12/11 - NYW
	REMOVE PEGS OPTION FROM BOTTOM ENTRY.
	21 28/05/12 - NYW
	ADD CAP DRAWING

Scale: 4:1	THIRD ANGLE	Unstated Tolerances: X ± 0.30 X ± 0.25 XX ± 0.15 XXX ± 0.10	Material SEE NOTE
Drawn: SJT			
App'd: XXXX	Title SOCKET		NOT TO SCALE
Date: 28 MAY '12	Revision: 2.1		Unit: mm

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