

BB02-KS - 2.54mm x 2.54mm (0.1" x 0.1") SMD SOCKET, DUAL ROW, STRAIGHT 04 to 80 CONTACTS, DUAL ENTRY

SPECIFICATIONS

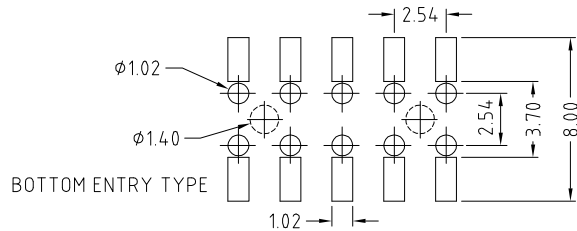
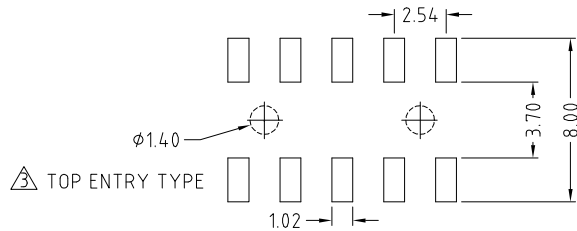
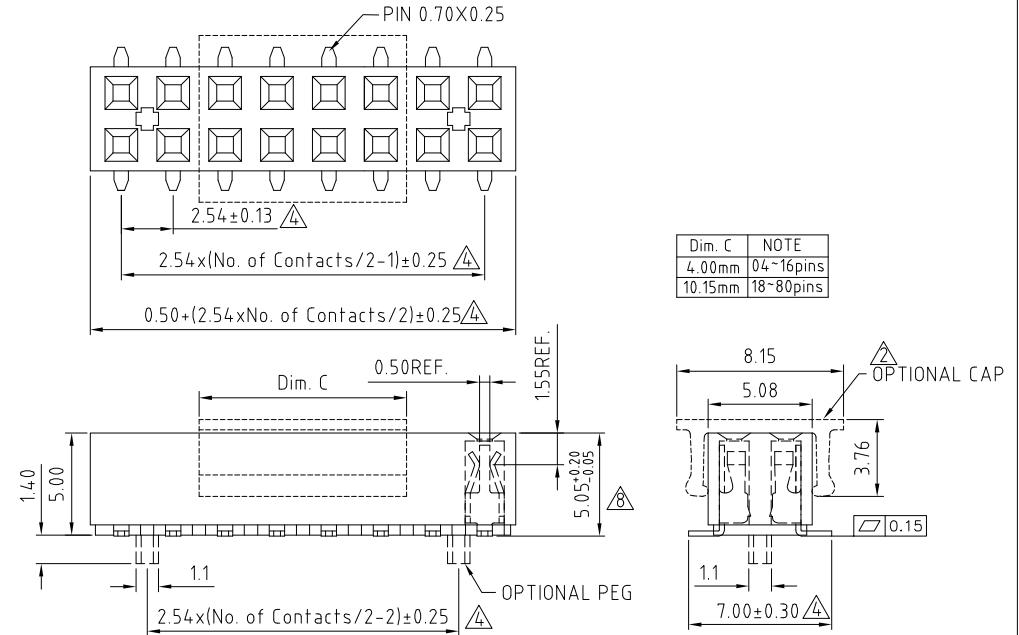
CURRENT RATING	3 AMP
INSULATOR RESISTANCE	1000 MEG OHMS MIN.
CONTACT RESISTANCE	△ 20m OHMS MAX.
DIELECTRIC WITHSTANDING	600V AC/DC
OPERATING TEMPERATURE	-40°C TO +105°C
CONTACT MATERIAL	PHOSPHOR BRONZE
INSULATOR MATERIAL	THERMOPLASTIC, UL94V-0
FINISH	STANDARD: NYLON 6T GOLD, TIN OR SELECTIVE OVER 30-50U" 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: 4.5MM.
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: 64 CONTACTS.

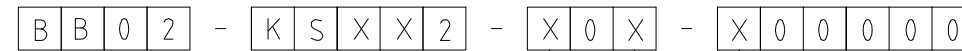
MATES WITH:

BB02-HE	BB02-TD
BB02-HJ	BB02-TF
BB02-HP	BB02-TG
BB02-HU	BB02-TH



RECOMMENDED PC BOARD LAYOUT (TOLERANCE: ±0.05)△

HOW TO ORDER



NO OF CONTACTS: 04 TO 80

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:

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

LOCATING PEG OPTIONS:

- A = WITH PEGS (MIN. 6 CONTACTS)△
- B = WITHOUT PEGS

10	REV. DATE & DRN
11	8/01/05-NYW RELEASE
12	09/08/06 - CHC DRAWING MODIFICATION
13	02/05/07 - NYW ADD CAP DRAWING
14	30/05/07 - NYW ADD NOTES 1, SEPARATE PCB LAYOUT.
15	07/06/07 - CHC DRAWING MODIFICATION
16	07/06/07 - CHC ADD MAX CONTACTS ON PEG OPTION
17	28/05/08 - PN ADD MATT TIN PLATING
18	20/02/09 - CHC DRAWING MODIFICATION
19	07/03/10 - NYW AMEND DIMENSION
20	12/10/11 - NYW AMEND SPEC.
21	24/10/13 - NYW ADD NOTES 2 & 3, AMEND MATING PIN

Scale	4=1
Drawn	CHC
App'd	XXX
Date	12 MAR. '14

THIRD ANGLE	
Title	SOCKET
Revision	2.1

Material	SEE NOTE
Unit	mm

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Type	BB02-KS
Drawing Number	BB02-KS
Sheet	1 of 1
Drawing	E and OE