

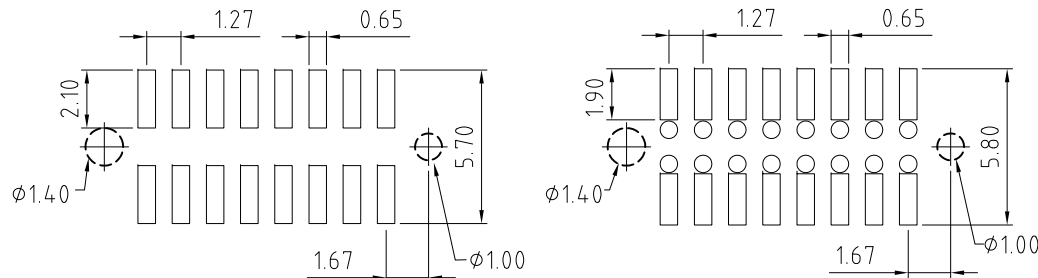
BB02-CM :- 1.27mm X 1.27mm (0.05" x 0.05") SMD SOCKET, DUAL ROW, STRAIGHT, 8 to 100 CONTACTS, DUAL ENTRY

SPECIFICATIONS

CURRENT RATING 1 AMP
 INSULATOR RESISTANCE 1000 MEGOHMS MIN.
 CONTACTS RESISTANCE 20m OHMS MAX.
 DIELECTRIC WITHSTANDING AC 300 V
 OPERATING TEMPERATURE -40°C TO +105°C
 CONTACT MATERIAL PHOSPHOR BRONZE
 INSULATOR MATERIAL POLYESTER UL 94V-0
 (STANDARD: NYLON 6T FOR 8~50 CONTACTS,
 LCP FOR 52~100 CONTACTS)
 PLATING GOLD, TIN, OR SELECTIVE 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
 LCP - IR REFLOW: 280°C FOR 10 SEC
 WAVE: 250°C FOR 5-10 SEC
 MANUAL SOLDER: 380°C FOR 3-5 SEC

MATES WITH:- BB02-BC BB02-BS
 BB02-BD BB02-BY
 BB02-BE BB02-BZ
 BB02-BK BB02-NE
 BB02-BP

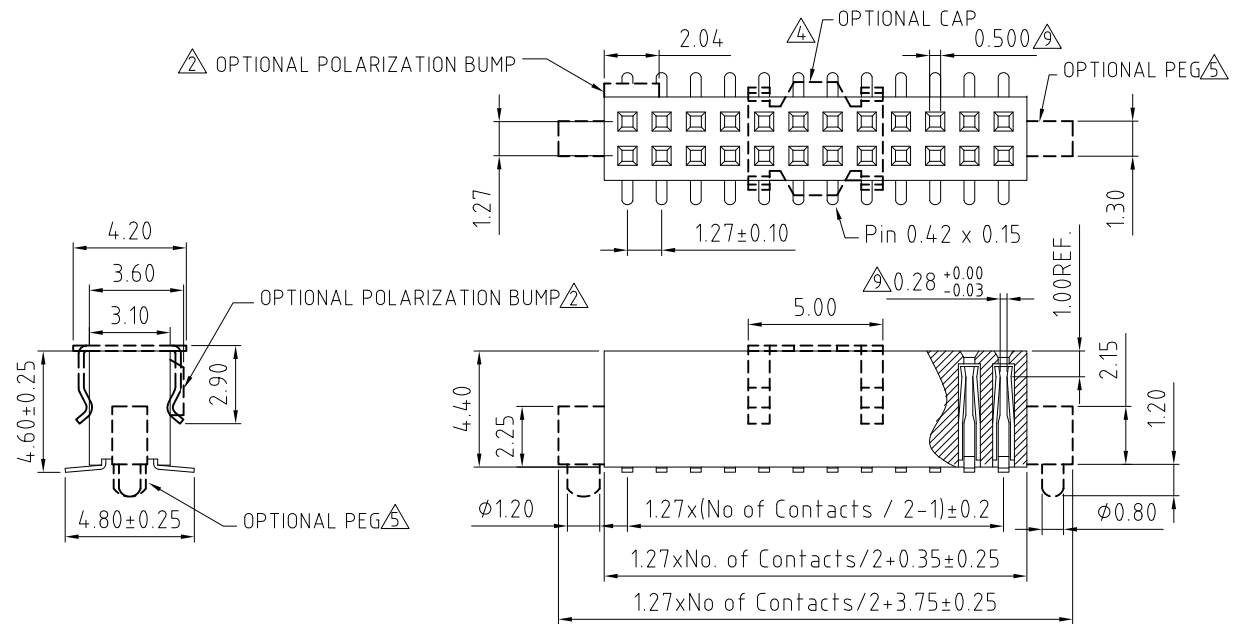
RECOMMENDED MATING PIN LENGTH FROM TOP ENTRY IS 4.0MM



FOR TOP ENTRY

FOR BOTTOM ENTRY

RECOMMENDED PC BOARD SMD LAYOUT
 (TOLERANCE: ±0.05)



HOW TO ORDER



NO. OF CONTACTS
 08 TO 98
 00 = 100

WITH OR WITHOUT POLARIZATION BUMP
 0 - WITH BUMP
 1 - WITHOUT BUMP

WITH OR WITHOUT LOCATING PEG
 0 - WITH PEG
 1 - WITHOUT PEG

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

PACKING OPTIONS

3 = TUBE
 4 = TUBE & FILM
 5 = TUBE & CAP
 6 = T+R
 7 = T+R+FILM
 8 = T+R+CAP

10. 28/03/05 - NYW RELEASE
11. 22/08/05 - NYW DRAWING MODIFICATION
12. 02/09/05 - NYW ADD POLARIZATION OPTION
13. 20/07/07 - NYW DRAWING MODIFICATION
14. 20/09/07 - NYW ADD NOTES 2
15. 06/11/07 - NYW ADD BOTTOM ENTRY LAYOUT
16. 10/12/07 - CHC ADD LOCATING PEG OPTION
17. 21/05/08 - CHC REMOVE SELECTIVE GOLD CONTACT PLATING
18. 26/12/08 - CHC PLATING MODIFICATION
19. 03/02/10 - RFE DRAWING MODIFICATION
20. 03/02/10 - RFE ADD TOLERANCE

Scale: 5:1	THIRD ANGLE	Unstated Tolerances: X ± 0.30 X ± 0.25 XX ± 0.15 XXX ± 0.10	Material SEE NOTE
Drawn: CHC			Material SEE NOTE
App'd: XXXX	Title: SOCKET		NOT TO SCALE
Date: 26 DEC '08	Revision: 19		UNIT: mm

www.gradconn.com

THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT

Type: BB02-CM
BB02-CM
DRAWING NUMBER:
Sheet 1 of 1
Drawing © E and O E