

BB02-CM

CUSTOMER PRODUCT SPECIFICATION SHEET

RoHS
Compliant

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

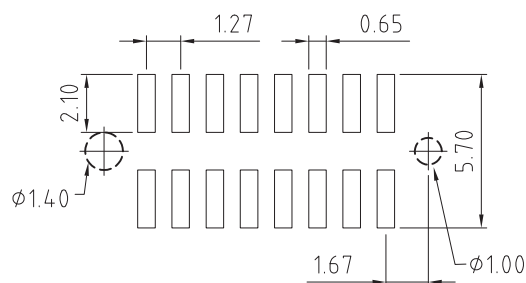
(STANDARD: NYLON 6T FOR 8~50 CONTACTS,
LCP FOR 52~100 CONTACTS)

PLATING GOLD, TIN, OR SELECTIVE OVER 30~50U" NICKEL

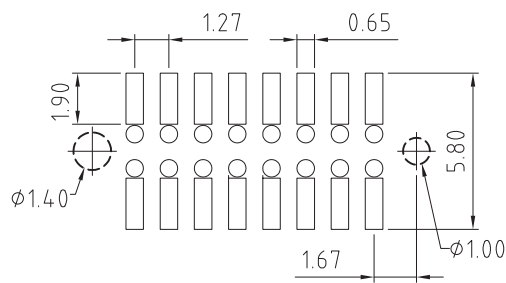
SOLDERABILITY: NYLON 6T - IR REFLOW: 260°C FOR 10 SEC
WAVE: 230°C FOR 5-10 SEC
MANUAL SOLDER: 350°C FOR 3-5 SEC
LCP - IR REFLOW: 280°C FOR 10 SEC
WAVE: 250°C FOR 5-10 SEC
MANUAL SOLDER: 380°C FOR 3-5 SEC

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[△]

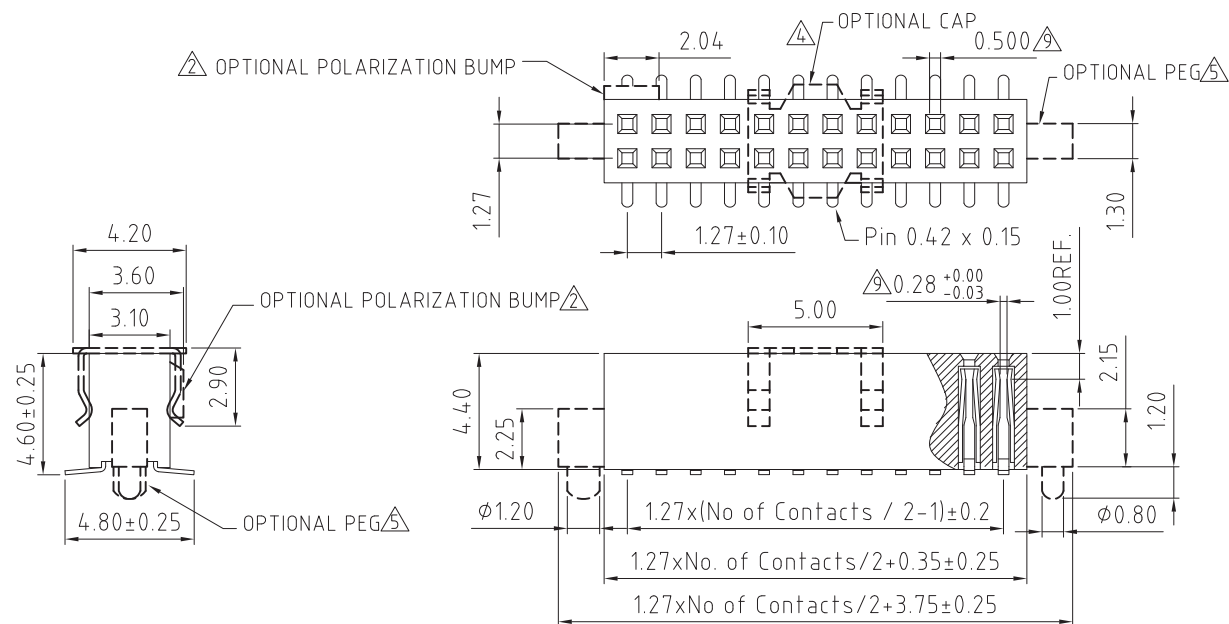


FOR TOP ENTRY



△FOR BOTTOM ENTRY

RECOMMENDED PC BOARD SMD LAYOUT
(TOLERANCE: ±0.05)



HOW TO ORDER

B B 0 2 - C M X X 2 - X X X - X 0 0 0 0 0

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

REV.	DATE & DRN
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	18/12/07 - 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
△	ADD TOLERANCE

Scale:	5:1	THIRD ANGLE	Unstated Tolerances:	Material
Drawn:	CHC		X ± 0.30 X ± 0.25 XX ± 0.15 XXX ± 0.10	SEE NOTE
App'd:	XXXX	Title	SOCKET	NOT TO SCALE
Date:	26 DEC '08	Revision:	1.9	UNIT: mm



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Type: BB02-CM

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DRAWING NUMBER:

Sheet 1 of 1

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