

BB02-CM

CUSTOMER PRODUCT SPECIFICATION SHEET

RoHS
Compliant

BB02-CM :- 1.27mm X 1.27mm 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)	

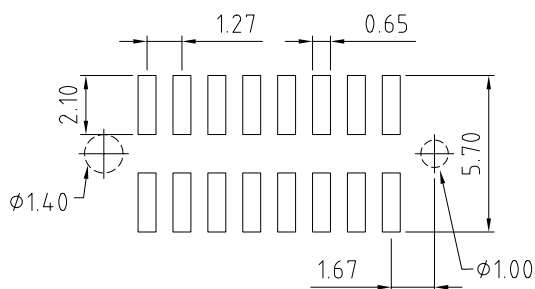
PLATING GOLD, TIN, OR SELECTIVE OVER 30~50U" NICKEL

SOLDERABILITY: NYLON 6T - IR REFLOW: 260°C FOR 10 SEC
WAVE: 230°C FOR 5-10 SEC
MANNUAL SOLDER: 350°C FOR 3-5 SEC

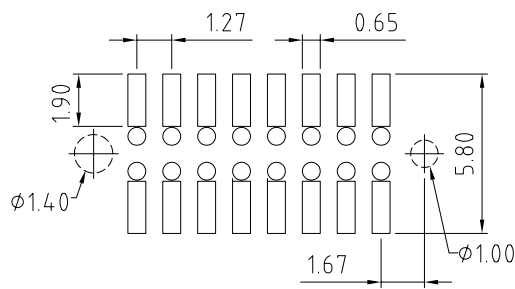
LCP - IR REFLOW: 280°C FOR 10 SEC
WAVE: 250°C FOR 5-10 SEC
MANNUAL SOLDER: 380°C FOR 3-5 SEC

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△

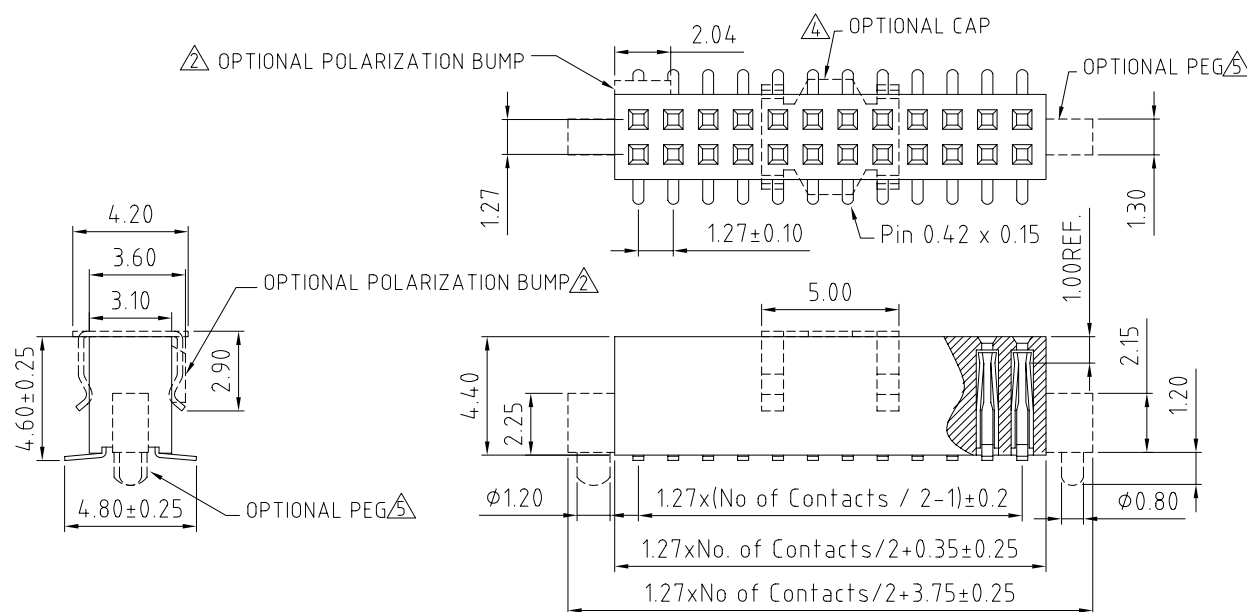


FOR TOP ENTRY



△FOR BOTTOM ENTRY

RECOMMENDED PC BOARD SMD LAYOUT



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 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

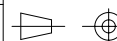
Scale: 5:1

Drawn: CHC

App'd: XXXX

Date: 26 DEC '08

THIRD ANGLE



Title SOCKET

Revision: 1.8

Unstated Tolerances:
X ± 0.30
X ± 0.25
XX ± 0.15
XXX ± 0.10

Material
SEE NOTE

NOT TO SCALE

UNIT: mm



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Type: BB02-CM

BB02-CM

DRAWING NUMBER:

Sheet 1 of 1

Drawing ©

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