

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, WITH BUMP

SPECIFICATIONS

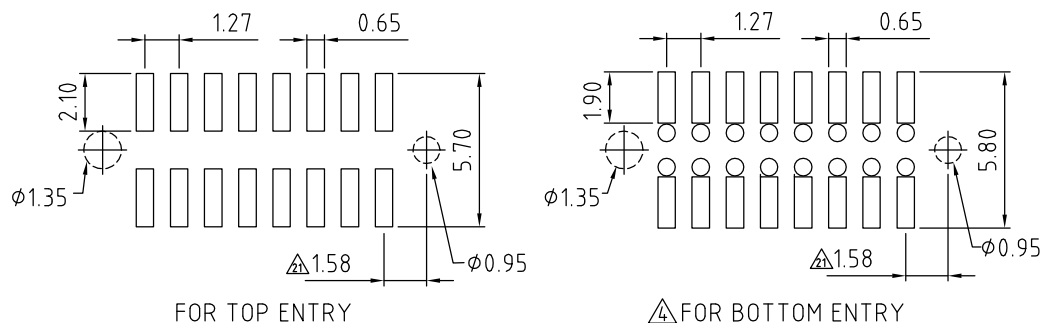
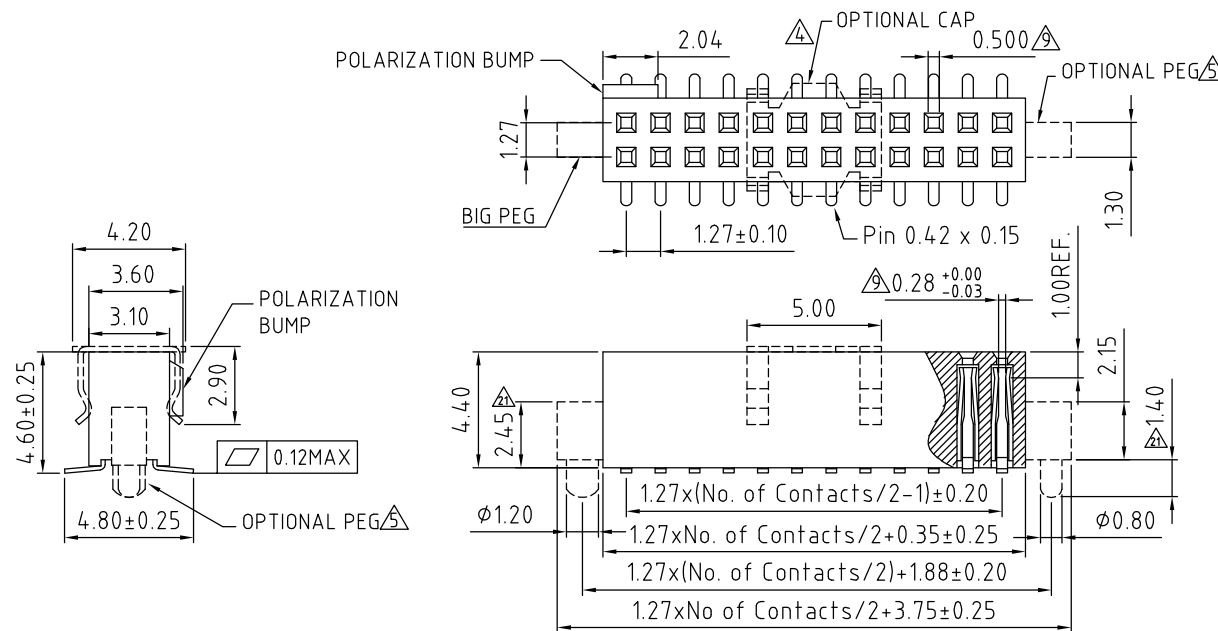
CURRENT RATING 1 AMP
INSULATOR RESISTANCE 1000 MEGOHMS MIN.
CONTACTS RESISTANCE 20m OHMS MAX.
DIELECTRIC WITHSTANDING AC 300 V
OPERATING TEMPERATURE -40°C TO +105°C
CONTACT MATERIAL PHOSPHOR BRONZE
INSULATOR MATERIAL THERMOPLASTIC, UL 94V-0
STANDARD: LCP

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

SOLDERABILITY: IR REFLOW: 280°C FOR 10 SEC
MANUAL SOLDER: 380°C FOR 3-5 SEC

MATES WITH:- BB02-BC BB02-BS BB02-7B
BB02-BD BB02-BY
BB02-BE BB02-BZ
BB02-BK BB02-NE
BB02-BP BB02-NN

RECOMMENDED MATING PIN LENGTH FROM TOP ENTRY IS 4.0MM



RECOMMENDED PC BOARD SMD LAYOUT
(TOLERANCE: ±0.05)

HOW TO ORDER

BB02 - CMXX2 - X0X - X00000

NO. OF CONTACTS:
08 TO 98
00 = 100

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

LOCATING PEG
OPTIONS:
0 = WITH PEG
1 = WITHOUT PEG

PACKAGING OPTIONS:
3 = TUBE
4 = TUBE + FILM
5 = TUBE + CAP
6 = TAPE & REEL
7 = TAPE & REEL + FILM
8 = TAPE & REEL + CAP

REV.	DATE & DRN
1.0	28/03/05 - NYW RELEASE
1.1	22/08/05 - NYW DRAWING MODIFICATION
1.2	02/09/05 - NYW ADD POLARIZATION OPTION
1.3	20/07/07 - NYW DRAWING MODIFICATION
1.4	20/09/07 - NYW ADD BOTTOM ENTRY LAYOUT
1.5	06/11/07 - NYW ADD LOCATING PEG OPTION
1.6	10/12/07 - CHC REMOVE SELECTIVE GOLD CONTACT PLATING
1.7	21/05/08 - CHC PLATING MODIFICATION
1.8	26/12/08 - CHC DRAWING MODIFICATION
1.9	03/02/10 - RFE ADD TOLERANCE
2.0	09/02/10 - NYW CHANGE INSULATOR TO LCP
2.1	30/10/14 - NYW AMEND PEG DIMENSION REMOVE EXIST BUMP OPTION AMEND PEG HOLE DIAMETER

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:	30 OCT. '14	Revision:	2.1	UNIT: mm



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