

BB02-CL

## CUSTOMER PRODUCT SPECIFICATION SHEET

RoHS  
Compliant

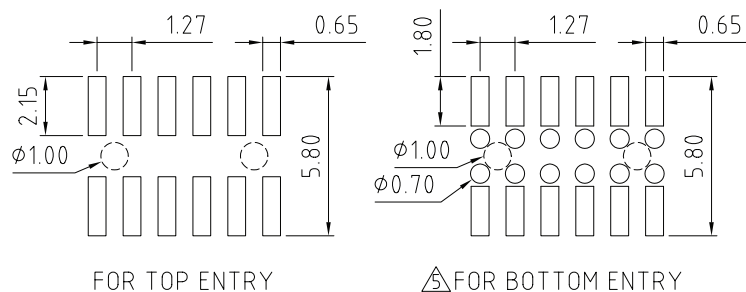
BB02-CL :- 1.27mm X 1.27mm ( 0.05" X 0.05" ) SMD SOCKET, DUAL ROW, STRAIGHT, 4 to 100 CONTACTS, DUAL ENTRY

## SPECIFICATIONS

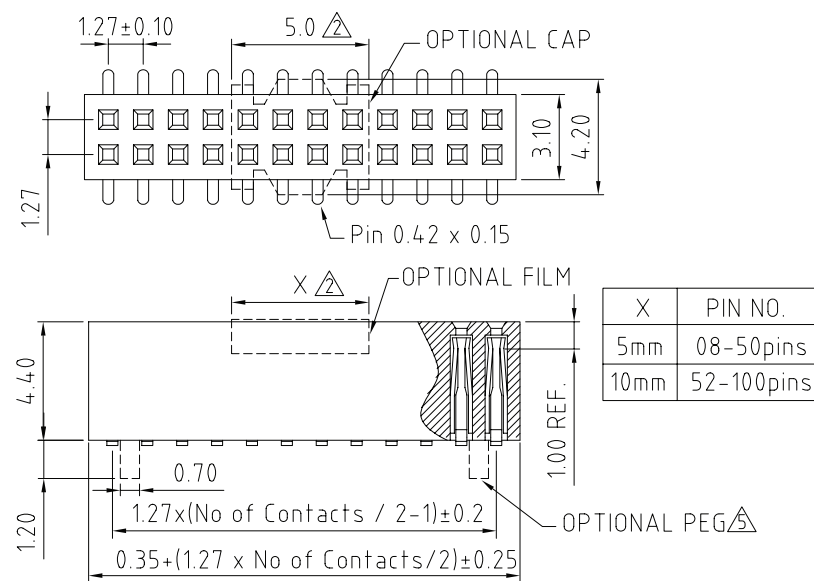
CURRENT RATING	1 AMP
INSULATOR RESISTANCE	1000 MEGOHMS MIN.
CONTACTS RESISTANCE	20m OHMS MAX.
DIELECTRIC WITHSTANDING	AC 300 V
OPERATING TEMPERATURE	-40°C TO +105°C
CONTACT MATERIAL	PHOSPHOR BRONZE
INSULATOR MATERIAL	POLYESTER UL 94V-0
(STANDARD: NYLON 6T FOR 4~50 CONTACTS, LCP FOR 52~100 CONTACTS)	
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-BD  
BB02-BE BB02-BY  
BB02-BK BB02-BZ  
BB02-NE  
BB02-BP

RECOMMENDED MATING PIN LENGTH FROM TOP ENTRY IS 4.0MM△



RECOMMENDED PC BOARD SMD LAYOUT



## HOW TO ORDER

BB02 - CLXX2 - X0X - X00000

NO. OF CONTACTS  
04 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

## PACKING OPTIONS

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

△LOCATING PEG  
OPTION

A = WITH PEG  
0 = WITHOUT PEG

REV. DATE & DRN
10 25/03/05 - NYW RELEASE
11 22/08/05 - NYW DRAWING MODIFICATION
12 08/03/06 - NYW ADD CAP & FILM DRAWING
13 20/07/06 - NYW DRAWING MODIFICATION
14 13/02/07 - CHC ADD RECOMMENDED MATING PIN LENGTH
15 27/07/07 - NYW ADD LOCATING PEG OPTION
16 10/12/07 - CHC ADD BOTTOM ENTRY LAYOUT
17 21/05/08 - CHC REMOVE SELECTIVE GOLD CONTACT PLATING
18 26/12/08 - CHC PLATING MODIFICATION
19 26/12/08 - CHC DRAWING MODIFICATION

Scale: 5:1	THIRD ANGLE	Unstated Tolerances: X ± 0.30 X ± 0.25 XX ± 0.15 XXX ± 0.10	Material SEE NOTE
Drawn: CHC			
App'd: XXXX	Title SOCKET		NOT TO SCALE
Date: 26 DEC '08	Revision: 1.8		UNIT: mm



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

Type: BB02-CL

BB02-CL

DRAWING NUMBER:

Sheet 1 of 1

Drawing © E and O E