

BB02-WA

CUSTOMER PRODUCT SPECIFICATION SHEET

RoHS
Compliant

BB02-WA:- 1.00mm x 1.00mm (0.039" x 0.039") DUAL ROW SOCKET, STRAIGHT, SMD, 04 TO 80 CONTACTS, DUAL ENTRY

SPECIFICATIONS

CURRENT RATING: 1AMP

INSULATOR RESISTANCE: 500 MEGOHMS MIN.

CONTACT RESISTANCE: 20mOHM MAX.

DIELECTRIC WITHSTANDING: AC 200 V

OPERATING TEMPERATURE: -40°C TO +105°C

CONTACT MATERIAL: PHOSPHOR BRONZE

INSULATOR MATERIAL: L.C.P. UL 94V-0

PLATING GOLD OR TIN OVER 30~50U" NICKEL

SOLDERABILITY IR REFLOW: 280°C FOR 10 SEC

WAVE: 250°C FOR 5-10 SEC

MANNUAL SOLDER: 380°C FOR 3-5 SEC

NOTES:

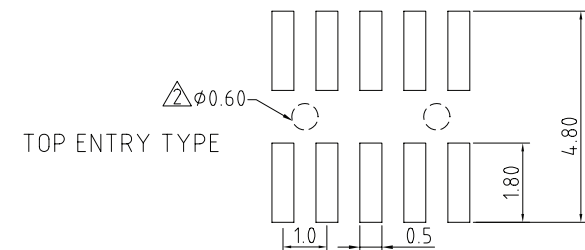
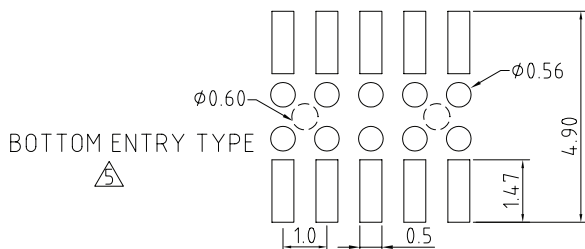
RECOMMENDED MATING PIN LENGTH FOR TOP ENTRY: 1.5-1.8MM

MATES WITH: - BB02-YC BB02-YP

BB02-YF

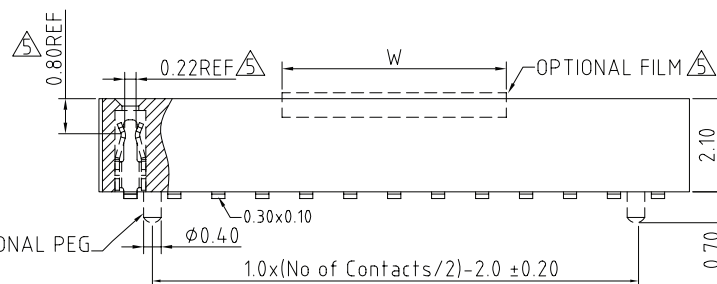
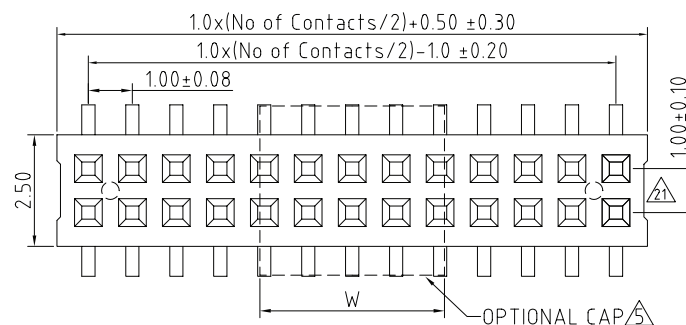
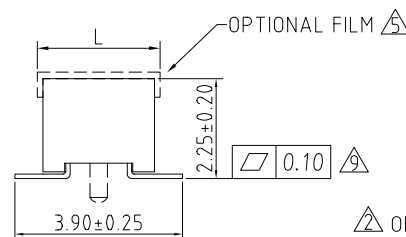
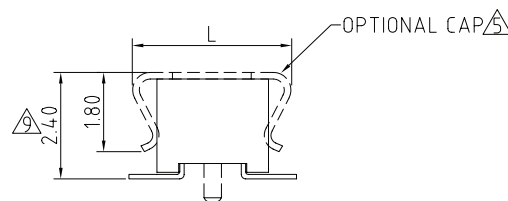
BB02-YG

BB02-YH



RECOMMENDED PCB LAYOUT

TYPE	DIM. W X L	NOTE
FILM	3.0 X 2.5	6-8PIN
	5.1 X 2.5	10-18PIN
	10.0 X 2.5	20-80PIN
CAP	3.0 X 3.85	6PIN
	4.2 X 3.6	8-80PIN



HOW TO ORDER

B B 0 2 - W A X X 2 - X X X - 0 0 0 0 0 0

NO. OF CONTACTS
04 to 80

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

T = BRIGHT TIN

M = MATT TIN

WITH/ WITHOUT
LOCATING PEG

A = WITH

(MIN. 6 CONTACTS)

B = WITHOUT

PACKAGING OPTIONS

3 - TUBE

4 - TUBE + FILM

5 - TUBE + CAP

6 - TAPE & REEL

7 - TAPE & REEL + FILM

8 - TAPE & REEL + CAP

REV.	DATE & DRN	RELEASE
10	04/02/04-NR	RELEASE
11	14/09/04 - CHC	DRAWING MODIFICATION
12	03/06/05 - NYW	DIMENSION ADJUSTMENT.
13	04/08/05 - CHC	ADD LOCATING PEG.
14	08/08/06 - CHC	ADD LOCATING PEG.
15	13/03/07 - NYW	ADD BOTTOM ENTRY LAYOUT
16	12/06/07 - NYW	ADD CAP OPTION & DRAWING
17	06/11/07 - CHC	REMOVE SELECTIVE PLATING
18	06/06/08 - CHC	ADD MIN. CONTACTS ON PEG OPTION
19	09/12/08 - CHC	PLATING MODIFICATION.
20	10/12/08 - CHC	ADD DIMENSION & SOLDER LEAD CO-PLANARITY.
21	24/03/09 - NYW	ADD INSULATOR DESIGN.
22	04/03/09 - NYW	ADD FILM AND CAP DIMENSION TABLE.

Scale: 8:1	THIRD ANGLE	Unstated Tolerances: X ± 0.30 X ± 0.25 XX ± 0.15 XXX ± 0.10	Material SEE NOTE
Drawn: CHC			
App'd: NYW	Title: SOCKET		NOT TO SCALE
Date: 24 MAR '09	Revision: 2.1		Unit: mm

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TYPE: BB02-WA

BB02-WA

Drawing Number:

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