

BB02-CR :- 1.27mm X 1.27mm (0.05" X 0.05") SMD SOCKET, DUAL ROW, STRAIGHT, 6 TO 100 CONTACTS, DUAL ENTRY

SPECIFICATIONS

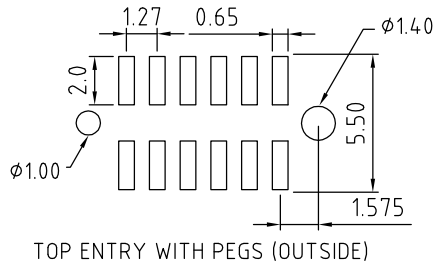
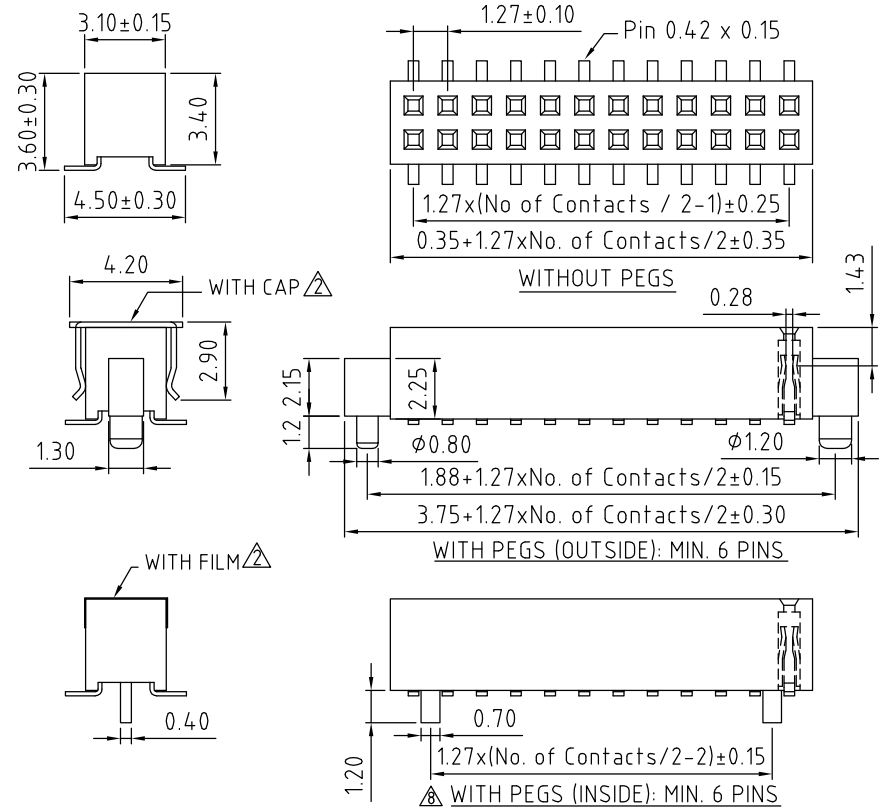
CURRENT RATING 1 AMP
 INSULATOR RESISTANCE 1000 MEGOHMS MIN.
 CONTACTS RESISTANCE 20m OHMS MAX.
 DIELECTRIC WITHSTANDING AC 300 V
 OPERATING TEMPERATURE -40°C TO +105°C
 CONTACT MATERIAL PHOSPHOR BRONZE
 INSULATOR MATERIAL THERMOPLASTIC, UL 94V-0
 STANDARD: LCP+30% G/F Δ

Film Width	
No. of Pins	Size
06 - 50	5mm
52 - 100	10mm

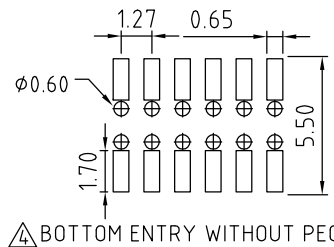
PLATING GOLD OR TIN OVER MIN. 30U" NICKEL
 SOLDERABILITY: IR REFLOW: 280°C FOR 10 SEC
 MANUAL SOLDER: 380°C FOR 3-5 SEC

NOTES:
 1. RECOMMENDED MATING PIN LENGTH FROM TOP ENTRY IS 3.0MM Δ

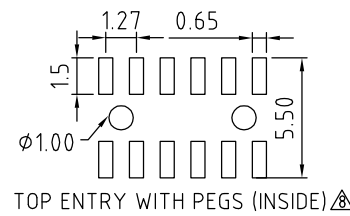
MATES WITH:- BB02-BC BB02-BS
 BB02-BD BB02-NE
 BB02-BK
 BB02-BP



TOP ENTRY WITH PEGS (OUTSIDE)

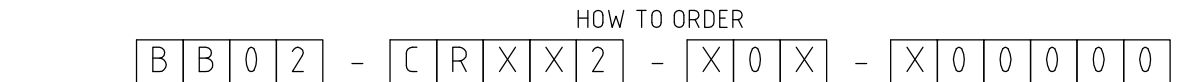


Δ BOTTOM ENTRY WITHOUT PEGS



TOP ENTRY WITH PEGS (INSIDE) Δ

RECOMMENDED PCB LAYOUT (TOLERANCE: ±0.05)



NO. OF CONTACTS :
 06 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

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

LOCATING PEGS OPTIONS : Δ
 A = WITH PEGS (OUTSIDE)
 Δ E = WITH PEGS (INSIDE)
 0 = WITHOUT PEGS

1.0	13/06/05 - NYW RELEASE
1.1	21/07/05 - NYW
Δ	ADD LOCATING PEG OPTION. AMEND PCB LAYOUT.
1.2	04/11/05 - NYW
Δ	ADD FILM & CAP.
1.3	20/07/06 - NYW
	DRAWING MODIFICATION.
1.4	05/06/07 - CHC
Δ	ADD BOTTOM ENTRY LAYOUT.
1.5	06/10/07 - CHC
Δ	REMOVE SELECTIVE GOLD CONTACT PLATING.
1.6	27/05/08 - CHC
	PLATING MODIFICATION.
1.7	07/08/08 - CHC
	DRAWING MODIFICATION.
1.8	23/08/11 - NYW
Δ	ADD WITH PEGS OPTION.
1.9	07/07/11 - NYW
	ADD NICKEL THICKNESS.
2.0	07/07/11 - NYW
Δ	CHANGE INSULATOR TO LCP.
2.1	08/07/13 - NYW
	AMEND INSULATOR TOL.
2.2	07/03/14 - NYW
	AMEND MATING P/N.
2.3	23/10/14 - NYW
	AMEND INSULATOR AND PROFILE TOLERANCE.

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:	23 OCT. '14	Revision:	2.3		UNIT: mm

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Type:	BB02-CR
DRAWING NUMBER:	BB02-CR
Sheet 1 of 1	
Drawing	E and O E