

BB02-KR:- 2.54MM (0.1") SOCKET, SINGLE ROW, STRAIGHT, SMT TYPE, 2 TO 40 CONTACTS, DUAL ENTRY

SPECIFICATIONS

CURRENT RATING	3 AMPS
INSULATOR RESISTANCE	1000 MEGOHMS MIN.
CONTACTS RESISTANCE	20 m OHMS MAX.
DIELECTRIC WITHSTANDING	AC 600 V
OPERATING TEMPERATURE	-40°C TO +105°C
CONTACT MATERIAL	PHOSPHOR BRONZE
INSULATOR MATERIAL	THERMOPLASTIC, UL 94V-0
	STANDARD NYLON 6T

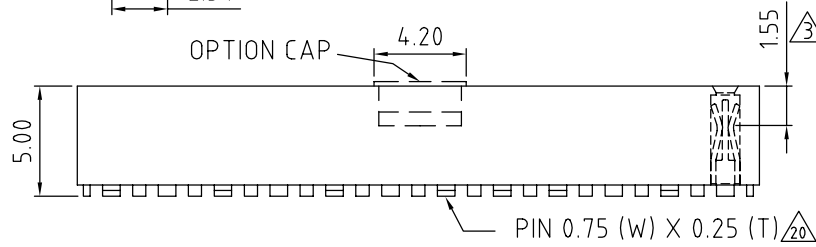
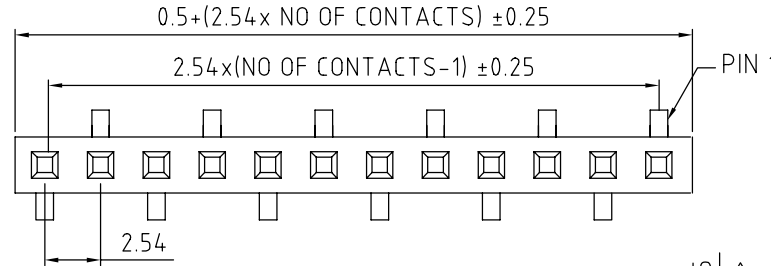
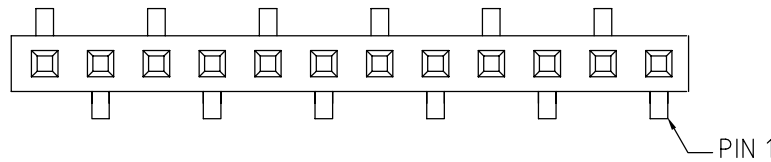
PLATING	GOLD, TIN OR SELECTIVE OVER 30-50U" NICKEL
SOLDERABILITY	IR REFLOW: 260°C FOR 10 SEC MANUAL SOLDER: 350°C FOR 3-5 SEC

NOTES:

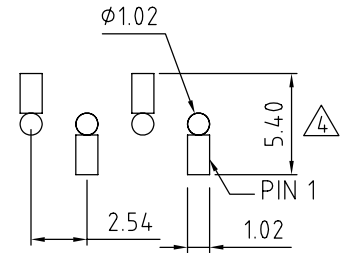
1. RECOMMENDED MATING PIN LENGTH FOR TOP ENTRY: 4.5MM. Δ

MATES WITH :-

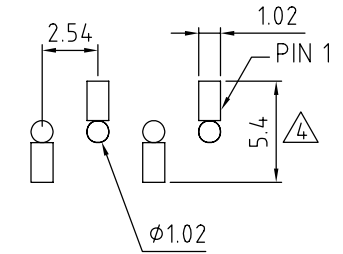
BB02-HA	BB02-HH	BB02-TJ
BB02-HC	BB02-HY	BB02-TK
BB02-HD	BB02-TA	
BB02-HG	BB02-TC	



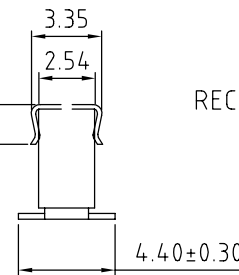
A TYPE



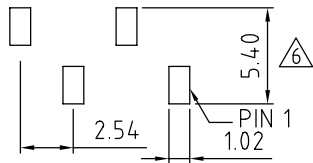
B TYPE



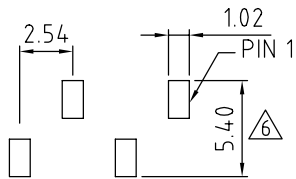
RECOMMENDED PCB LAYOUTS
BOTTOM ENTRY
(TOLERANCE: ±0.05)



A TYPE

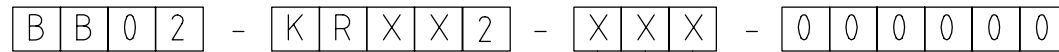


B TYPE



RECOMMENDED PCB LAYOUTS
TOP ENTRY
(TOLERANCE: ±0.05)

HOW TO ORDER



NO. OF CONTACTS
02 TO 40

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
- E = 10U" GOLD ON CONTACT/BRIGHT TIN ON TAIL
- F = 15U" GOLD ON CONTACT/BRIGHT TIN ON TAIL
- G = 30U" GOLD ON CONTACT/BRIGHT TIN ON TAIL

PACKAGING OPTIONS Δ

- 3 - TUBE
- 5 - TUBE & CAP
- 6 - T & R
- 8 - T & R & CAP

FOOTPRINT TYPE

- A = TYPE A
- B = TYPE B

REV. DATE & DRN	10. 24/02/03 - AMT RELEASE
11. 24/02/04 - NUR	SOLDER LEG CHANGES
12. 12/04/04 - NUR	SOLDER LEG CHANGES
13. 19/01/05 - NYW	SOLDER LEG CHANGES
14. 10/05/05 - NYW	DRAWING MODIFICATION
15. 14/08/06 - CHC	ADD DIMENSION
16. 20/03/07 - CHC	AMEND PACK OPTIONS.
17. 20/03/07 - CHC	AMEND PCB LAYOUT.
18. 15/05/07 - NYW	DRAWING MODIFICATION.
19. 20/02/09 - CHC	ADD TOP ENTRY
20. 27/04/09 - NYW	ADD NOTES 1, NYW
21. 08/05/09 - CHC	ADD MATT TIN PLATING
22. 20/02/09 - CHC	ADD MATT TIN PLATING
23. 27/04/09 - NYW	DRAWING MODIFICATION.
24. 08/05/09 - CHC	AMEND PIN WIDTH.

Scale: 4:1	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: 21 APR '11	Revision: 2.0		Unit: mm



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Type: BB02-KR
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Drawing Number:
Sheet 1 of 1
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