

BB02-KR

CUSTOMER PRODUCT SPECIFICATION SHEET

RoHS
Compliant

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

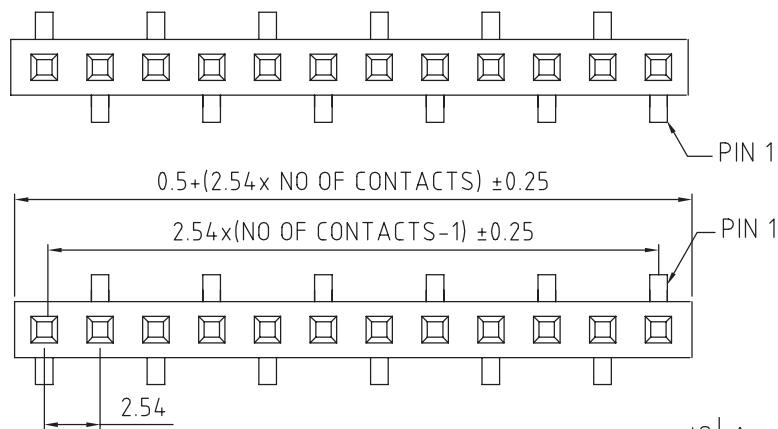
SPECIFICATIONS

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:

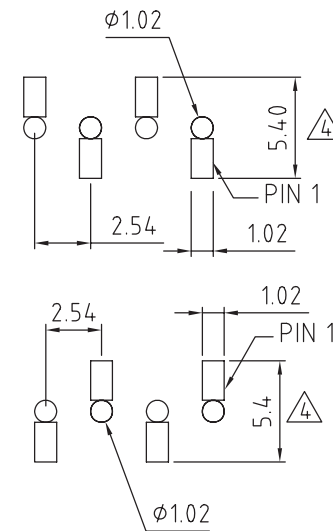
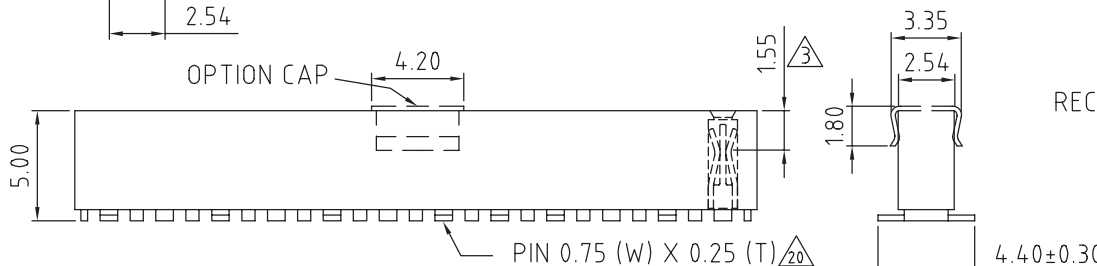
1. RECOMMENDED MATING PIN LENGTH FOR TOP ENTRY: 4.5MM. \triangle

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)

HOW TO ORDER

BB02 - KRXX2 - XXX - 000000

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 \triangle

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

FOOTPRINT TYPE

A = TYPE A
B = TYPE B

A TYPE

B TYPE

RECOMMENDED PCB LAYOUTS
TOP ENTRY
(TOLERANCE: ±0.05)

REV. DATE & DRN	10 24/03/03 - AND RELEASE
11 24/02/04 - NUR	SOLDER LEG CHANGES
12 12/04/04 - NUR	SOLDER LEG CHANGES
13 19/07/05 - NYW	SOLDER LEG CHANGES
14 10/05/05 - NYW	DRAWING MODIFICATION
15 14/08/06 - CHC	ADD DIMENSION
16 20/03/07 - CHC	ADD TOP ENTRY
17 30/05/07 - NYW	ADD DIMENSION
18 28/05/08 - NYW	ADD MATT TIN PLATING
19 20/02/09 - CHC	DRAWING MODIFICATION
20 27/04/11 - NYW	ADD DIMENSION

Scale: 4:1	THIRD ANGLE	Unstated Tolerances: X ± 0.30 X ± 0.25 .XX ± 0.15 .XXX ± 0.10	Material SEE NOTE
Drawn: CHC	Title SOCKET		NOT TO SCALE
App'd: XXXX			
Date: 21 APR '11	Revision: 2.0	Unit: mm	

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Type: BB02-KR
BB02-KR
Drawing Number:
Sheet 1 of 1
Drawing © E and O E