

BB02-KD

CUSTOMER PRODUCT SPECIFICATION SHEET

RoHS
Compliant

BB02-KD :- 2.54mm X 2.54mm (0.1" X 0.1") ELEVATED SOCKET, DUAL ROW, STRAIGHT, THROUGH HOLE, 4 TO 80 CONTACTS

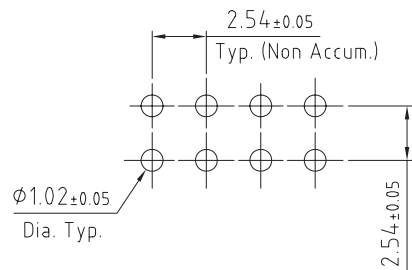
SPECIFICATIONS

CURRENT RATING	3 AMPS
INSULATOR RESISTANCE	1000 MEGOHMS MIN.
CONTACT RESISTANCE	20m OHMS MAX
DIELECTRIC WITHSTANDING	AC 600 V
OPERATING TEMPERATURE	-40°C TO +105°C
CONTACT MATERIAL	PHOSPHOR BRONZE
INSULATOR MATERIAL	THERMOPLASTIC, R UL 94V-0 NYLON 6T : STANDARD PBT : SPECIAL OPTION
PLATING	GOLD OR TIN OVER 30-50U" NICKEL
SOLDERABILITY:	NYLON 6T - IR REFLOW: 260°C FOR 10 SEC WAVE: 230°C FOR 5-10 SEC MANUAL SOLDER: 350°C FOR 3-5 SEC PBT - MANUAL SOLDER: 330°C FOR 3-5 SEC (NOT SUITABLE FOR HI-TEMP PROCESS)

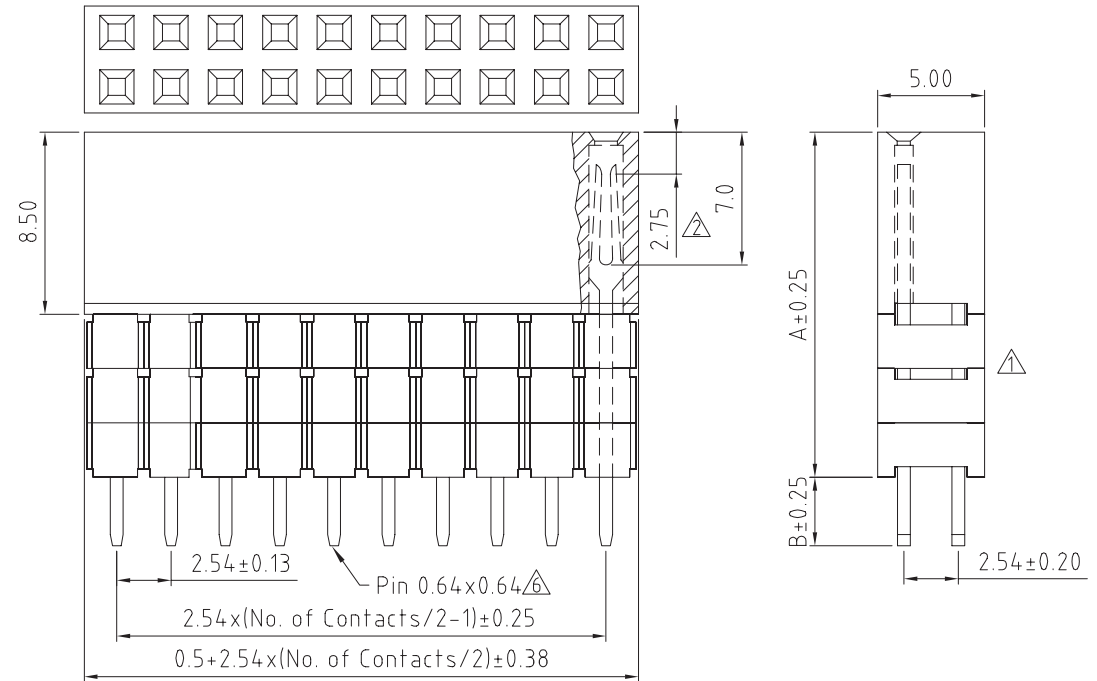
NOTES:

1. PACKED IN TRAY \triangle
2. RECOMMENDED MATING PIN LENGTH = 6.0MM. \triangle

MATES WITH: BB02-HE BB02-HQ BB02-TF
BB02-HF BB02-HR BB02-TG
BB02-HJ BB02-HU BB02-TH
BB02-HP BB02-TD



RECOMMENDED PC BOARD HOLE LAYOUT



HOW TO ORDER

B B 0 2 - K D X X 2 - X 0 3 - X 0 0 0 0 0 - 6 T X

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
C = 30U" GOLD ON CONTACT/GOLD FLASH ON TAIL
T = BRIGHT TIN
M = MATT TIN

A: DIM. A=11.05 DIM. B=2.50
B: DIM. A=11.05 DIM. B=7.35
C: DIM. A=13.59 DIM. B=4.85
D: DIM. A=16.13 DIM. B=2.30
E: DIM. A=11.05 DIM. B=12.2
F: DIM. A=13.59 DIM. B=9.65
G: DIM. A=16.13 DIM. B=7.10
H: DIM. A=18.67 DIM. B=4.50
I: DIM. A=18.67 DIM. B=3.0
J: DIM. A=18.67 DIM. B=4.06
K: DIM. A=8.50 DIM. B=14.75
L: DIM. A=13.59 DIM. B=2.50


\triangle WITH OR WITHOUT DECA-BDE
BLANK = WITH (standard,
RoHS compliant amount)
N = WITHOUT (non-standard,
zero amount)

INSULATOR MATERIAL \triangle
6T = NYLON 6T (STANDARD)
BLANK = PBT (Not suitable for
new designs.)

REV.	DATE & DRN
10	15/03/01-A MCI RELEASE
11	24/05/05-NYW
12	22/11/05-NYW
13	17/08/06 - NYW
14	28/05/07 - NYW
15	18/01/08 - NYW
16	22/02/08 - NYW
17	28/05/08 - NYW
18	09/02/09 - NYW
19	18/05/09 - NYW

11	24/05/05-NYW
12	22/11/05-NYW
13	17/08/06 - NYW
14	28/05/07 - NYW
15	18/01/08 - NYW
16	22/02/08 - NYW
17	28/05/08 - NYW
18	09/02/09 - NYW
19	18/05/09 - NYW

Scale:	4:1
Drawn:	A MCI
App'd:	XXXX
Date:	18 MAY '09

THIRD ANGLE	
	
Title	SOCKET
Revision:	1.9

Unstated	Tolerances:
X	± 0.30
X	± 0.25
XX	± 0.15
XXX	± 0.10

Material	SEE NOTE
NOT TO SCALE	
Unit:	mm

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