

BB02-EA

CUSTOMER PRODUCT SPECIFICATION SHEET

RoHS
Compliant

BB02-EA :- 1.27mm x 2.54mm (0.05" x 0.1") SOCKET, DUAL ROW, STRAIGHT, THROUGH HOLE, 6 - 100 CONTACTS

SPECIFICATIONS

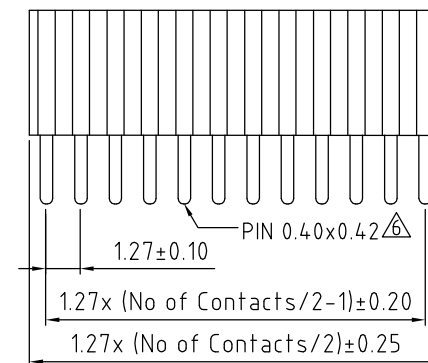
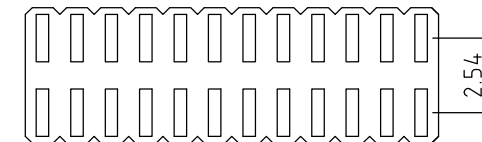
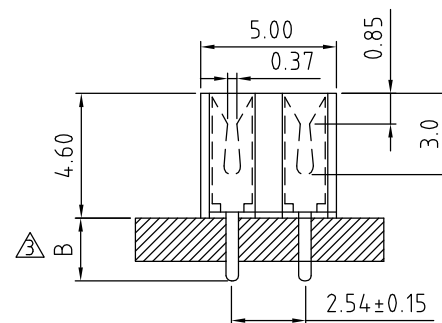
CURRENT RATING	1 AMP
INSULATOR RESISTANCE	1000 MEGOHMS MIN.
CONTACT RESISTANCE	20m ohms MAX.
DIELECTRIC WITHSTANDING	AC 300 V
OPERATING TEMPERATURE	-40°C TO +105°C
CONTACT MATERIAL	PHOSPHOR BRONZE
INSULATOR MATERIAL	THERMOPLASTIC, UL 94V-0
	STANDARD: LCP + 30% G/F
PLATING	GOLD OR TIN OVER 30~50U" NICKEL
SOLDERABILITY	IR REFLOW: 280°C FOR 10 SEC
	WAVE: 250°C FOR 5-10 SEC
	MANUAL SOLDER: 380°C FOR 3-5 SEC

PACKED IN TUBE OR TRAY.

NOTES:

1. RECOMMENDED MATING PIN LENGTH: 2.5MM. Δ

MATES WITH :- BB02-DA
BB02-DE
BB02-DF
BB02-DG



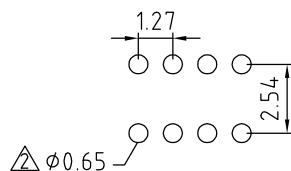
HOW TO ORDER

B B 0 2 - E A X X 2 - X 0 3 - X X 0 0 0 0

NO. OF CONTACTS
06 TO 98
100 Contacts= 00

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

PIN LENGTH B Δ
15 = 1.5 MM
24 = 2.4 MM (STANDARD)
30 = 3.0 MM
TOL. ± 0.20 mm



RECOMMENDED PC BOARD HOLE LAYOUT
(TOLERANCE: ± 0.05)

REV.	DATE & DRN
10	28/05/03 - NJR RELEASE
11	12/02/05 - NYW DRAWING MODIFICATION
12	21/07/05 - NYW Δ AHEND PIN LENGTH, AHEND PCB LAYOUT.
13	11/11/05 - NYW Δ AHEND PIN LENGTH OPTION.
14	24/07/06 - NYW Δ ADD NOTES 1.
15	13/09/07 - NYW Δ AHEND PIN SIZE.
16	18/07/08 - NYW Δ PLATING MODIFICATION.
17	21/05/08 - NYW ADD MATT TIN PLATING.
18	30/12/08 - CHC DRAWING MODIFICATION.
19	20/05/11 - NYW CHANGE INSULATOR TO LCP.

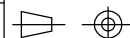
Scale: 5:1

Drawn: CHC

App'd: XXXX

Date: 20 MAY '11

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-EA

BB02-EA

Drawing Number:

Sheet 1 of 1

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