

BB02-HU :- 2.54mm x 2.54mm (0.1" x 0.1") PIN HEADER, SMD TYPE, STRAIGHT, DUAL ROW - 6 TO 80 CONTACTS

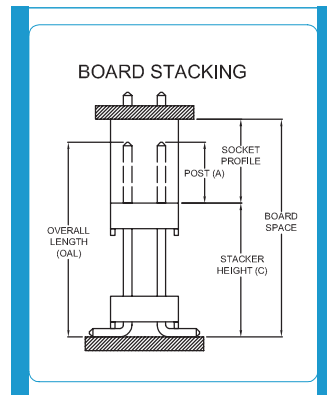
SPECIFICATIONS

CURRENT RATING	3 AMPS
INSULATOR RESISTANCE	1000 MEGOHMS MIN.
DIELECTRIC WITHSTANDING	AC 600 V
CONTACT RESISTANCE	20m OHMS MAX.
OPERATING TEMPERATURE	-40°C TO +105°C
CONTACT MATERIAL	BRASS
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

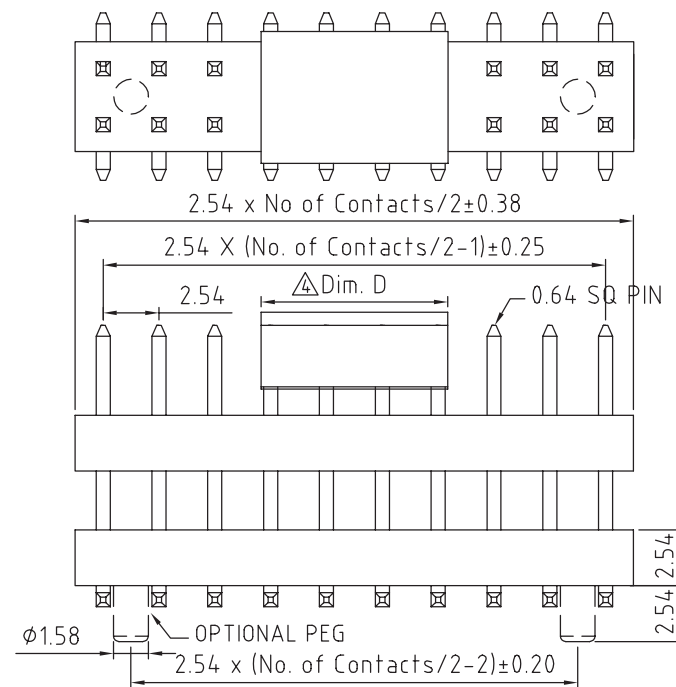
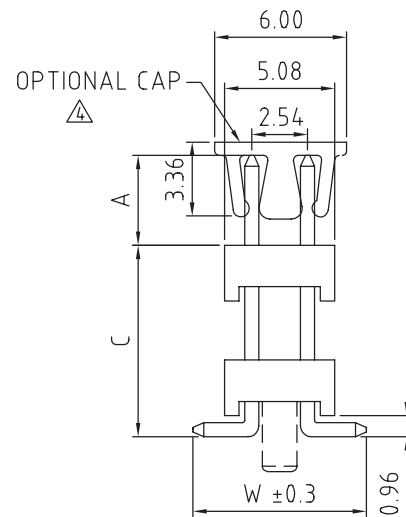
MATES WITH:	BB02-JM	BB02-KH	BB02-KT
	BB02-KA	BB02-KK	BB02-KU
	BB02-KD	BB02-KM	BB02-KW
	BB02-KF	BB02-KQ	BB02-LD
	BB02-KG	BB02-KS	BB02-LE

NOTES:

1. MAX. CONNECTOR OVERALL HEIGHT ALLOWED FOR TAPE AND REEL PACKAGING: 25MM.
2. MAX. OAL (OVERALL PIN LENGTH $A + C$) = 47mm - (W/2).



Dim.D	NOTE
5.0mm	06~14pins
8.5mm	16~80pins



HOW TO ORDER

B B 0 2 - H U X X 1 - X X X - X X X X X X

NO. OF CONTACTS
06 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
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

"W" DIMENSION
0 = 7.9MM (STANDARD)
A = 7.37MM Δ
(CUSTOM LENGTH AVAILABLE)

PIN LENGTH A (1/10mm)
SPECIFY PIN LENGTH
MINIMUM = 10 = 1.0mm
MAXIMUM = 150 = 15.0mm
TOL.: ± 0.25 mm

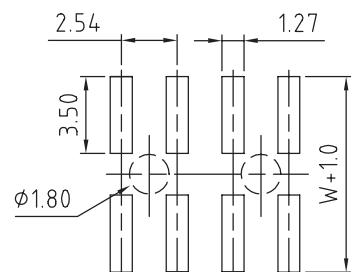
PIN LENGTH C (1/10mm)
SPECIFY PIN LENGTH
MINIMUM = 061 = 6.1mm
MAXIMUM = SEE NOTES 2.
TOL.: ± 0.25 mm

WITH OR WITHOUT
LOCATING PEG
A = WITH
B = WITHOUT

PACKAGING OPTIONS
3 - TUBE (STANDARD)
5 - TUBE & CAP
6 - T & R (see note 1)
8 - T & R & CAP (see note 1)

LONGER PIN LENGTH REQUIRED?

If pin length required is longer than 9.9mm (99), then use a '/' to separate the numbers.
Example: A=11.0mm, B=12.5mm, mark as 110 / 125 / X.

RECOMMENDED PC BOARD SMD LAYOUT
(TOLERANCE: ± 0.05)

REV.	DATE & DRN
10	07/07/05 - NYW RELEASE
11	15/08/06 - NYW AMEND INSULATOR TYPE DRAWING MODIFICATION.
12	14/01/08 - NYW ADD W OPTION A.
13	16/07/08 - NYW ADD NOTE 1.
14	01/10/08 - CHC ADD OPTIONAL CAP.
15	21/07/09 - NYW ADD MIN. OF PIN LENGTH B. DRAWING MODIFICATION.

Scale:	4:1	THIRD ANGLE	Unstated Tolerances:	Material
Drawn:	CHC		X. ± 0.30 .X ± 0.25 .XX ± 0.15 .XXX ± 0.10	SEE NOTE
App'd:	XXXX	Title	PIN HEADER	NOT TO SCALE
Date:	21 JAN '09	Revision:	1.5	Unit: mm



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