

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

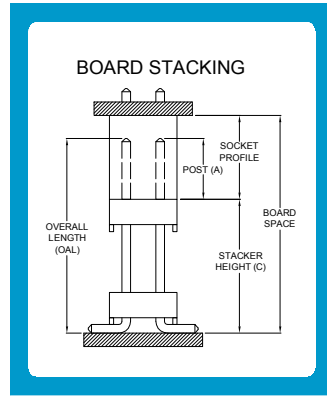
SPECIFICATIONS

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

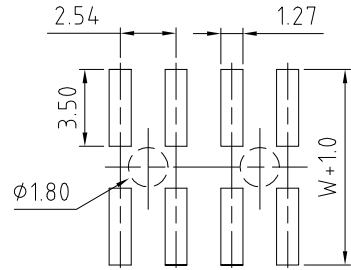
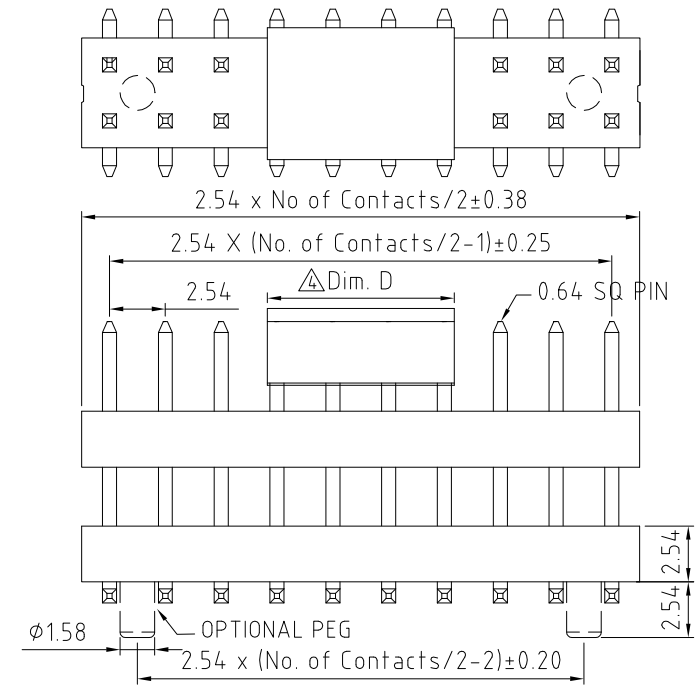
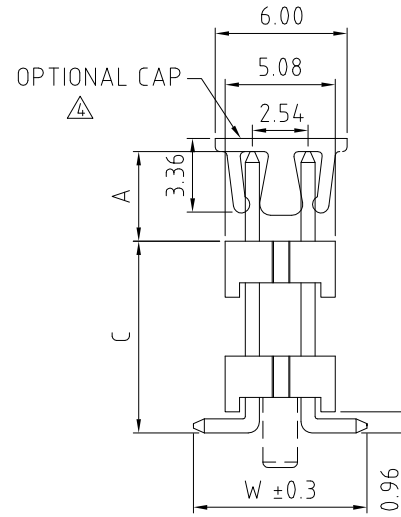
NOTES:

- MAX. CONNECTOR OVERALL HEIGHT ALLOWED FOR TAPE AND REEL PACKAGING: 20MM.
MAX. NUMBER OF CONTACTS ALLOWED FOR TAPE AND REEL PACKAGING: 64 CONTACTS.
- MAX. OAL (OVERALL PIN LENGTH A + C) = 47mm - (W/2).
- PARTS WITH SMALLER CONTACT NUMBERS MAY BE PACKED IN BOX INSTEAD OF IN TUBE.

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



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



RECOMMENDED PCB SMD LAYOUT (TOLERANCE: ±0.05)

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 = 7.90MM (STANDARD)
 A = 7.37MM
 B = 7.50MM
 (CUSTOM LENGTH AVAILABLE)

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

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

PACKAGING OPTIONS:
 3 = TUBE (standard)
 5 = TUBE & CAP
 6 = TAPE & REEL
 8 = TAPE & REEL & CAP
 (see notes 1 & 3)

WITH OR WITHOUT LOCATING PEG:
 A = WITH
 B = WITHOUT

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.

REV.	DATE & DRN
10	07/07/05 - NYW RELEASE
11	15/08/06 - NYW AMEND INSULATOR TYPE DRAWING MODIFICATION
12	14/07/08 - NYW ADD W OPTION A
13	16/07/08 - NYW ADD NOTE 1
14	01/10/08 - CHC ADD OPTIONAL CAP.
15	21/01/09 - NYW ADD MIN. OF PIN LENGTH B.
16	08/10/12 - NYW DRAWING MODIFICATION
17	22/10/13 - NYW AMEND NOTE 1 & 3
18	30/03/17 - NYW ADD B TO W OPTION

Scale:	4:1	THIRD ANGLE	Unstated Tolerances: X ± 0.30 X ± 0.25 XX ± 0.15 XXX ± 0.10	Material	SEE NOTE
Drawn:	NYW				
App'd:	XXXX	Title	PIN HEADER		NOT TO SCALE
Date:	30 MAR. '17	Revision:	1.8	Unit:	mm

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

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