BB02-FU

CUSTOMER PRODUCT SPECIFICATION SHEET

RoHS Compliant

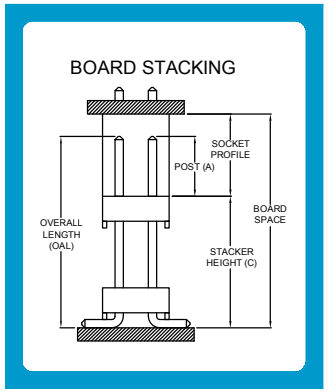
BB02-FU :- 2.00mm X 2.00mm (0.079" X 0.079") PIN HEADER, DUAL ROW, STRAIGHT, SMT TYPE BOARD SPACER, 06 to 80 CONTACTS

SPECIFICATIONS :

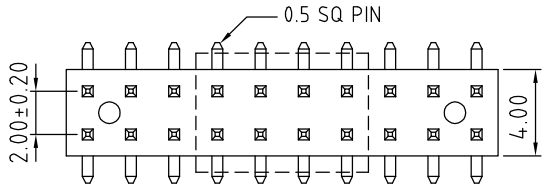
CURRENT RATING	2 AMP
INSULATOR RESISTANCE	1000 MEGOHMS MIN.
DIELECTRIC WITHSTANDING	AC 500 V
CONTACT RESISTANCE	20m OHMS MAX.
OPERATING TEMPERATURE	-40°CTO +105°C
CONTACT MATERIAL	BRASS
INSULATOR MATERIAL	THERMOPLASTIC ,UL 94V-0 STANDARD: NYLON 6T
PLATING	GOLD, TIN, OR SELECTIVE OVER 30-50U" NICKEL
SOLDERABILITY	IR REFLOW: 260°C FOR 10 SEC MANUAL SOLDER: 350°C FOR 3-5 SEC

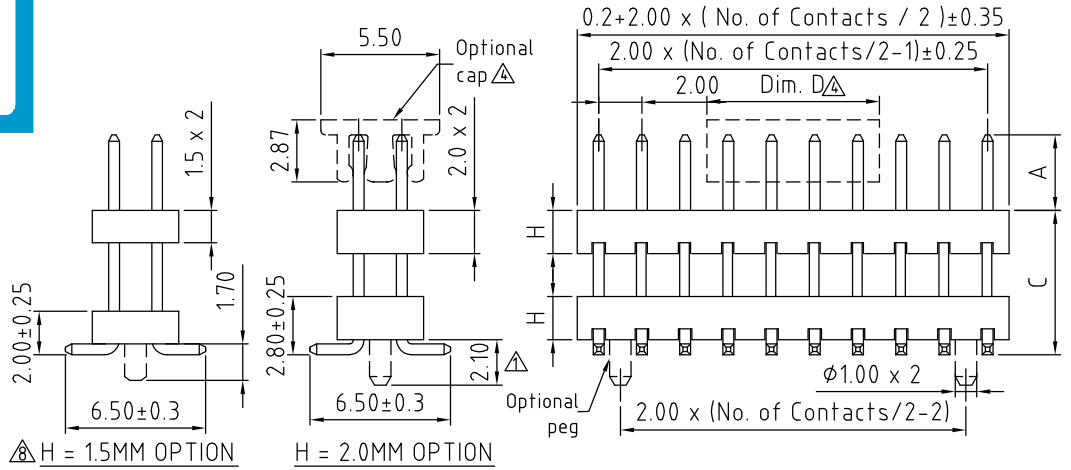
MATES WITH :-

BB02-GH	BB02-GT
BB02-GK	BB02-GY
BB02-GL	BB02-GZ
BB02-GM	BB02-RG
BB02-GP	BB02-RJ
BB02-GQ	BB02-RX

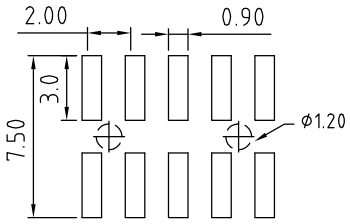


Dim.D	NOTE
4mm	06~16pins
8.16mm	18~80pins





NOTES:
1. MAX. CONNECTOR OVERALL HEIGHT ALLOWED FOR TAPE AND REEL PACKAGING: 20MM.
2. MAX. OAL (OVERALL PIN LENGTH A+C) = 40mm.



(TOLERANCE: ±0.05)

RECOMMENDED PC BOARD SMD LAYOUT

HOW TO ORDER

B B 0 2 - F U X X 1 - X X X - X X X X X X

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

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

INSULATOR "H" OPTIONS:
0 = 2.0MM
1 = 1.5MM

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

PIN LENGTH A (1/10mm)
SPECIFY PIN LENGTH
STANDARD = 40 = 4.0mm
MINIMUM = 10 = 1.0mm
MAXIMUM = 150 = 15.0mm
TOL.: ±0.25mm

PIN LENGTH C (1/10mm)
SPECIFY PIN LENGTH
MINIMUM = 48 (INSULATOR H = 2.0mm)
OR 35 (INSULATOR H = 1.5mm)
MAXIMUM = SEE NOTE 2
TOL.: ±0.25mm

LONGER PIN LENGTH REQUIRED?
If pin length required is longer than 9.9mm (99), then use a '/' to seperate the numbers.
Example: A=4.0mm, C=12.0mm, mark as 40 / 120 / X.

REV.	DATE & DRN	
1.0	15/02'05 - CHC	RELEASE
1.1	27/04/05 - NYW	MAX. PIN NO 80->50. AMEND INSULATOR. AMEND PCB LAYOUT.
1.2	08/08'06 - NYW	DRAWING MODIFICATION.
1.3	11/06'07 - NYW	AMEND MAX. NO. 50=>80.
1.4	27/06'07 - CHC	ADD CAP
1.5	02/06'08 - CHC	PLATING MODIFICATION.
1.6	17/07'08 - NYW	ADD NOTE 1.
1.7	12/01'09 - NYW	DRAWING MODIFICATION.
1.8	03/12'09 - NYW	ADD 1.5 HEIGHT OPTION.
1.9	08/10'12 - NYW	AMEND NOTE 1.

Scale: 4:1	THIRD ANGLE	Unstated Tolerances: X. ± 0.30, .X ± 0.25, .XX ± 0.15, .XXX ± 0.10	Material SEE NOTE
Drawn: CHC			
App'd: NYW	Title PIN HEADER		NOT TO SCALE
Date: 8 OCT. '12	Revision: 1.9		Unit: mm

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Type: BB02-FU

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Drawing Number:

Sheet 1 of 1

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