

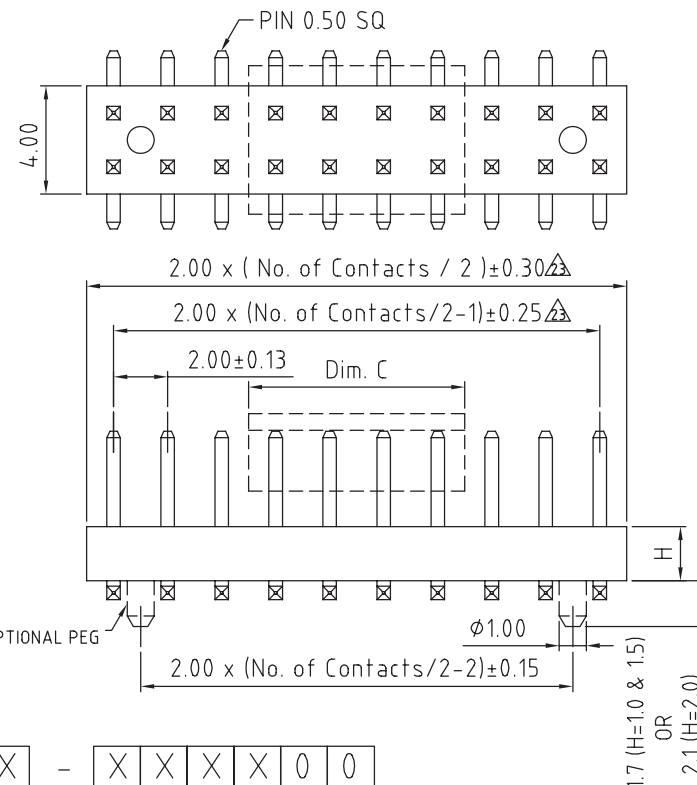
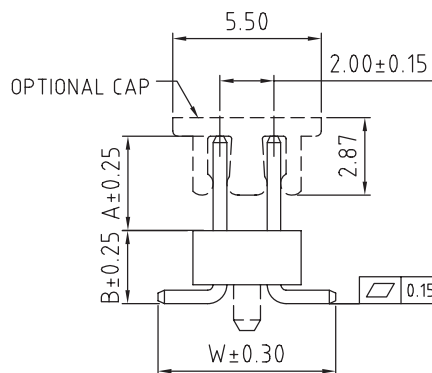
BB02-FE :- 2.00mm x 2.00mm (0.079" x 0.079") PIN HEADER, DUAL ROW, STRAIGHT, SMT TYPE - 04 to 80 CONTACTS

SPECIFICATIONS

CURRENT RATING	2 AMP
INSULATOR RESISTANCE	5000 MEGOHMS MIN.
DIELECTRIC WITHSTANDING	AC 500 V
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-GH BB02-GT
BB02-GK BB02-GY
BB02-GL BB02-GZ
BB02-GM BB02-RG
BB02-GP BB02-RJ
BB02-GQ BB02-RX

Dim.C	NOTE
5.0mm	06~16pins
8.16mm	18~80pins



HOW TO ORDER

B B 0 2 - F E X X 1 - X X X - X X X X 0 0

NO. OF CONTACTS
04 TO 80 (W/O PEG)
06 TO 80 (W/PEG)

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

"B" DIMENSION

A = 2.2MM (H=1.5)
B = 2.7MM (H=2.0)
C = 2.95MM (H=1.5)
D = 2.5MM (H=1.5)
F = 1.8MM±0.25 (H=1.0)
G = 3.45MM (H=2.0)
H = 2.1MM (H=1.5)
(CUSTOM LENGTH AVAILABLE)

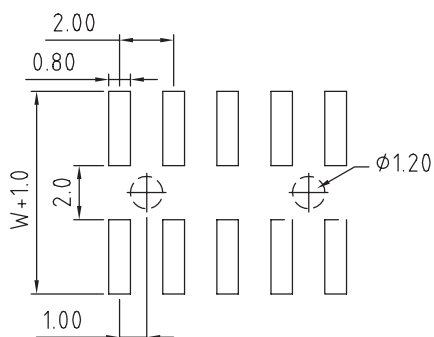
PIN LENGTH A (1/10mm)
PLEASE SPECIFY PIN
LENGTH REQUIRED
IE 4.0mm = 40
STANDARD = 40

PACKAGING OPTIONS

3 - TUBE
5 - TUBE & CAP
6 - T & R
8 - T & R & CAP

WITH OR WITHOUT
LOCATING PEG
A = WITH
B = WITHOUT

"W" DIMENSION
0 = 6.5MM
A = 6.0MM
B = 7.9MM
C = 5.25MM
E = 7.0MM
STANDARD = 0
(CUSTOM LENGTH AVAILABLE)



(TOLERANCE: ±0.05)

RECOMMENDED PC BOARD SMD LAYOUT

REV. DATE & DRN	10 06/06/03 - NJR RELEASE
11 28/07/04 - NYW	ADD CAP
12 07/09/04 - NYW	MAX. PIN NO. 50 -> 80
13 07/02/05 - NYW	ADD PEG LAYOUT.
14 24/07/06 - NYW	AMEND A LENGTH OPTION DRAWING MODIFICATION.
15 25/09/06 - NYW	AMEND PEG LENGTH.
16 04/10/06 - NYW	ADD C TO B OPTION.
17 05/10/06 - NYW	ADD D TO B OPTION.
18 21/12/06 - NYW	ADD SELECTIVE PLATING AMEND PCB LAYOUT.
19 11/06/07 - NYW	ADD E TO B OPTION.
20 14/01/08 - NYW	ADD F TO B OPTION.
21 28/03/08 - NYW	ADD G TO B OPTION.
22 12/06/08 - NYW	REMOVE E OPTION FROM B.
23 03/09/08 - NYW	AMEND TOLERANCE.
24 31/12/08 - CHC	ADD G TO B OPTION.
25 22/06/09 - NYW	ADD H TO B OPTION.

Scale: 5:1

Drawn: CHC

App'd: XXXX

Date: 22 JUN '09

THIRD ANGLE

Title PIN HEADER

Revision: 2.5

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-FE

BB02-FE

Drawing Number:

Sheet 1 of 1

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