

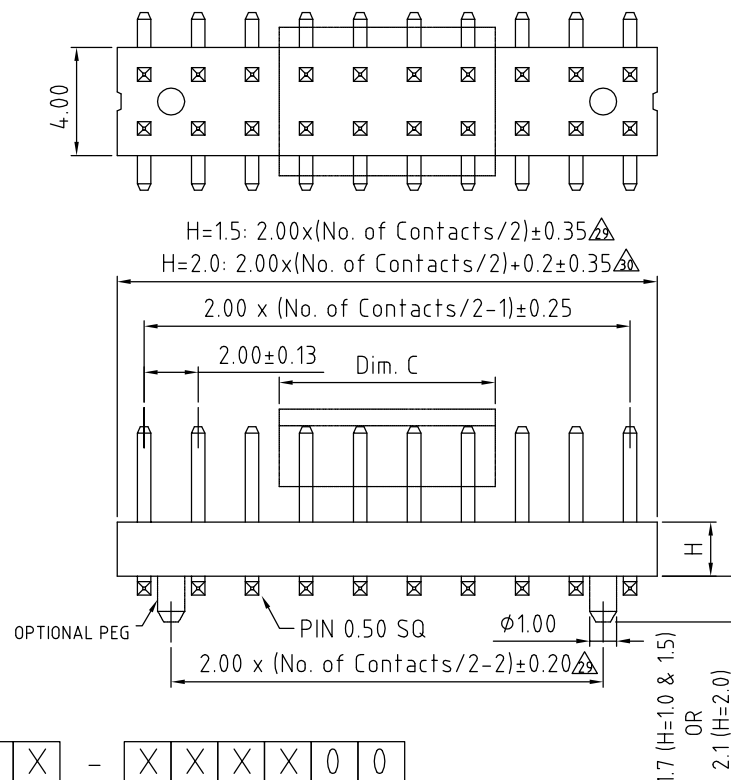
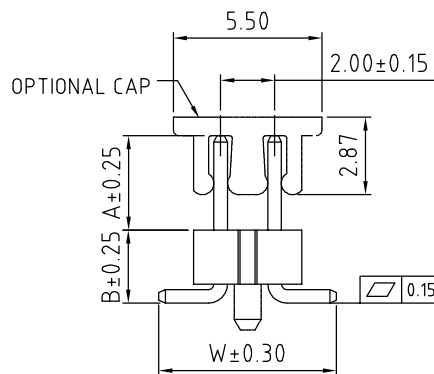
BB02-FE :- 2.00mm x 2.00mm ( 0.079" x 0.079") PIN HEADER, DUAL ROW, STRAIGHT, SMT TYPE - 04 to 80 CONTACTS

## 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

## HEIGHT OPTIONS:

| CODE | 'B'  | 'H' |
|------|------|-----|
| A    | 2.2  | 1.5 |
| B    | 2.7  | 2.0 |
| C    | 2.95 | 1.5 |
| D    | 2.5  | 1.5 |
| F    | 1.8  | 1.0 |
| G    | 3.45 | 2.0 |
| H    | 2.1  | 1.5 |
| J    | 2.75 | 1.5 |
| K    | 3.00 | 2.0 |

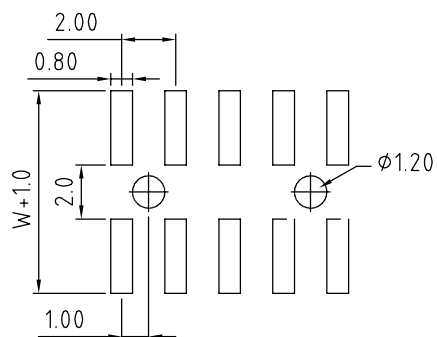
(CUSTOM LENGTH AVAILABLE.)

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

PACKAGING OPTIONS:  
3 = TUBE  
5 = TUBE + CAP  
6 = TAPE & REEL  
8 = TAPE & REEL + CAP

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

"W" DIMENSION:  
0 = 6.5MM  
A = 6.0MM  
B = 7.9MM  
C = 5.25MM  
E = 7.0MM  
F = 5.5MM  
STANDARD = 0  
(CUSTOM LENGTH AVAILABLE)



(TOLERANCE: ±0.05)

RECOMMENDED PC BOARD SMD LAYOUT

|      |                       |
|------|-----------------------|
| REV. | DATE & DRN            |
| 10   | 06/06/03 - NR RELEASE |
| 11   | 28/07/04 - NYW        |
| 12   | 07/09/04 - NYW        |
| 13   | 01/02/05 - NYW        |
| 14   | 24/07/06 - NYW        |
| 15   | 25/09/06 - NYW        |
| 16   | 04/07/08 - NYW        |
| 17   | 05/07/08 - NYW        |
| 18   | 21/02/06 - NYW        |
| 19   | 11/06/07 - NYW        |
| 20   | 12/07/08 - NYW        |
| 21   | 28/03/08 - NYW        |
| 22   | 12/06/08 - NYW        |
| 23   | 03/09/08 - NYW        |
| 24   | 31/12/08 - CHC        |
| 25   | 22/06/09 - NYW        |
| 26   | 08/07/10 - NYW        |
| 27   | 05/02/13 - NYW        |
| 28   | 11/03/15 - NYW        |
| 29   | 13/02/16 - NYW        |
| 30   | 05/02/21 - NYW        |

|        |            |             |                                                                            |          |              |
|--------|------------|-------------|----------------------------------------------------------------------------|----------|--------------|
| Scale: | 5:1        | THIRD ANGLE | Unstated Tolerances:<br>X ± 0.30<br>.X ± 0.25<br>.XX ± 0.15<br>.XXX ± 0.10 | Material | SEE NOTE     |
| Drawn: | CHC        |             |                                                                            | App'd:   | XXXX         |
| Date:  | 5 FEB. '21 | Title       | PIN HEADER                                                                 | Unit:    | mm           |
|        |            | Revision:   | 3.0                                                                        |          | NOT TO SCALE |

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Type: BB02-FE

BB02-FE

Drawing Number:

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