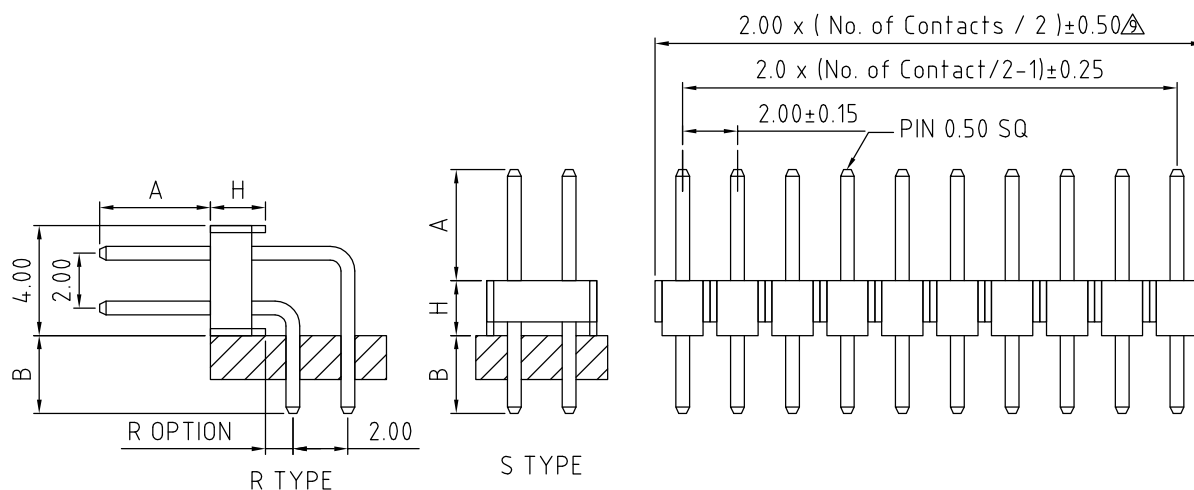


BB02-FD :- 2.00mm x 2.00mm (0.079" x 0.079") PIN HEADER, DUAL ROW, THROUGH HOLE, 4 to 80 CONTACTS, STRAIGHT & RIGHT ANGLE

## SPECIFICATIONS

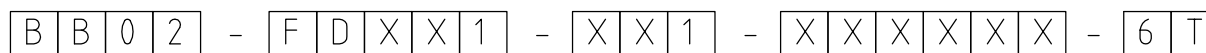
|                         |                                            |
|-------------------------|--------------------------------------------|
| CURRENT RATING          | 2 AMP                                      |
| INSULATOR RESISTANCE    | 1000 MEGOHMS MIN.                          |
| DIELECTRIC WITHSTANDING | AC 500 V                                   |
| OPERATING TEMPERATURE   | -40°C TO +105°C                            |
| CONTACT MATERIAL        | BRASS                                      |
| INSULATOR MATERIAL      | POLYESTER,UL 94V-0                         |
|                         | NYLON 6T : STANDARD                        |
|                         | PBT : SPECIAL OPTION                       |
| PLATING                 | GOLD, TIN OR SELECTIVE OVER 30-50U" NICKEL |
| SOLDERABILITY:          | NYLON 6T - IR REFLOW: 260°C FOR 10 SEC     |
|                         | WAVE: 230°C FOR 5-10 SEC                   |
|                         | MANUAL SOLDER: 350°C FOR 3-5 SEC           |
|                         | PBT - MANUAL SOLDER: 330°C FOR 3-5 SEC     |
|                         | (NOT SUITABLE FOR HI-TEMP PROCESS)         |

PACKED LOOSE IN BAG OR BOX 

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 |

## HOW TO ORDER



NO. OF CONTACTS:  
04 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

'H' DIMENSION OPTIONS:

A = 1.5mm  
B = 2.0mm (STANDARD)

PIN LENGTH A (1/10mm)

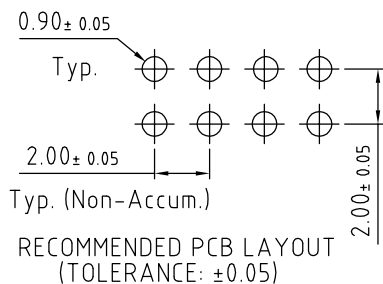
PLEASE SPECIFY PIN  
LENGTH REQUIRED  
I.E. 4.0mm = 40  
STANDARD = 40  
TOL.  $\pm 0.2\text{mm}$

PIN LENGTH B (1/10mm)  
PLEASE SPECIFY PIN  
LENGTH REQUIRED  
I.E. 2.8mm = 28  
STANDARD = 28  
TOL.  $\pm 0.2\text{mm}$

INSULATOR MATERIAL  
6T = NYLON 6T (STANDARD)  
BLANK = PBT (Not suitable for  
new designs.)

CONNECTOR TYPE OPTIONS:

S0 = STRAIGHT  
R0 = RIGHT ANGLE 1.0mm  
R1 = RIGHT ANGLE 1.27mm  
△ R2 = RIGHT ANGEL 1.75mm  
△ R3 = RIGHT ANGEL 1.90mm  
△ R4 = RIGHT ANGEL 2.00mm  
R5 = RIGHT ANGEL 1.50mm  
(RX custom length available.)



|     |                        |            |
|-----|------------------------|------------|
| 10  | 06/09/76 - N.Y.W.      | DATE & DRN |
| 11  | 06/09/76 - SUT RELEASE |            |
| 12  | 07/03/76 - N.Y.W.      |            |
| 13  | 07/03/76 - N.Y.W.      |            |
| 14  | 08/08/76 - N.Y.W.      |            |
| 15  | 08/08/76 - N.Y.W.      |            |
| 16  | 08/08/76 - N.Y.W.      |            |
| 17  | 08/08/76 - N.Y.W.      |            |
| 18  | 08/08/76 - N.Y.W.      |            |
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| 94  | 08/08/76 - N.Y.W.      |            |
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| 96  | 08/08/76 - N.Y.W.      |            |
| 97  | 08/08/76 - N.Y.W.      |            |
| 98  | 08/08/76 - N.Y.W.      |            |
| 99  | 08/08/76 - N.Y.W.      |            |
| 100 | 08/08/76 - N.Y.W.      |            |

|                   |                                                                                       |                                                                          |                      |
|-------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------|----------------------|
| Scale: 5:1        | THIRD ANGLE                                                                           | Unstated Tolerances:<br>X. ± 0.30<br>X ± 0.25<br>XX ± 0.15<br>XXX ± 0.10 | Material<br>SEE NOTE |
| Drawn: CHC        |  |                                                                          |                      |
| App'd: XXXX       | Title PIN HEADER                                                                      |                                                                          | NOT TO SCALE         |
| Date: 21 SEP. '23 | Revision: 2.0                                                                         |                                                                          | UNIT: mm             |

|                                                                                                                                                                  |                 |           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------|
|  <b>Infratron</b><br><a href="http://www.infratron.de">www.infratron.de</a> | Type: BB02-FD   |           |
|                                                                                                                                                                  | BB02-FD         |           |
|                                                                                                                                                                  | Drawing Number: |           |
|                                                                                                                                                                  | Sheet 1         | of 1      |
| © THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE<br>COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT                                                                    | Drawing ©       | E and O E |