

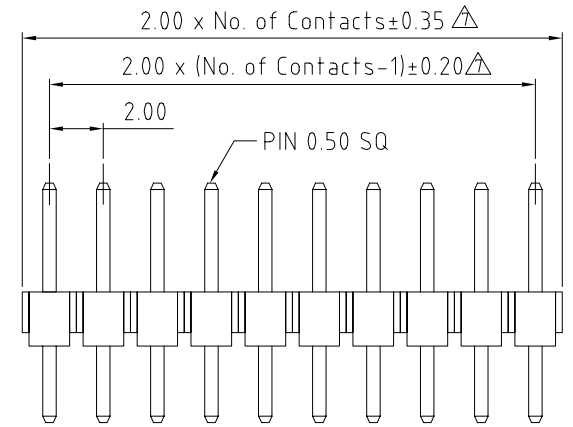
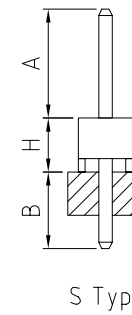
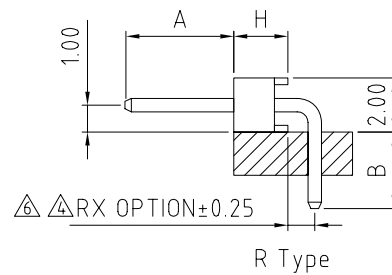
BB02-FB :- 2.00mm (0.079") PIN HEADER, SINGLE ROW, THROUGH HOLE - 02 to 40 CONTACTS, STRAIGHT OR RIGHT ANGLE

SPECIFICATIONS :

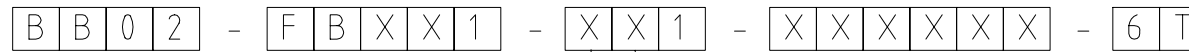
CURRENT RATING 2 AMP  $\Delta$   
 INSULATOR RESISTANCE 1000 MEGOHMS MIN.  $\Delta$   
 DIELECTRIC WITHSTANDING AC 500 V  
 OPERATING TEMPERATURE -40°C TO +105°C  
 CONTACT MATERIAL BRASS  
 INSULATOR MATERIAL THERMOPLASTIC, UL 94V-0  
 NYLON 6T : STANDARD  
 PBT : SPECIAL OPTION  
 PLATING GOLD, TIN 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 - MANNUAL SOLDER: 330°C FOR 3-5 SEC  
 (NOT SUITABLE FOR HI-TEMP PROCESS)

PACKED LOOSE IN BAG OR BOX  $\Delta$   $\Delta$

MATES WITH: BB02-GD BB02-RW  
 BB02-GS  
 BB02-RK  
 BB02-RS



HOW TO ORDER



NO. OF CONTACTS  
02 TO 40

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/TIN ON TAIL  
 E = 10U" GOLD ON CONTACT/TIN ON TAIL  
 F = 15U" GOLD ON CONTACT/TIN ON TAIL  
 G = 30U" GOLD ON CONTACT/TIN ON TAIL

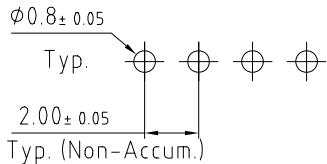
HEIGHT H  
 A=1.5mm  
 B=2.0mm  
 STANDARD = B

PIN LENGTH A (1/10mm)  
 PLEASE SPECIFY PIN LENGTH REQUIRED  
 I.E. 2.5mm = 25  
 STANDARD = 40  
 TOL. ±0.25mm

PIN LENGTH B (1/10mm)  
 PLEASE SPECIFY PIN LENGTH REQUIRED  
 I.E. 2.5mm = 25  
 STANDARD = 25  
 TOL. ±0.25mm

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

CONNECTOR TYPE  
 S0 = Straight  
 $\Delta$  R0 = Right Angle 1.0mm (Standard)  
 R1 = Right Angle 0.25mm  
 $\Delta$  R2 = Right Angle 1.27mm  
 $\Delta$  R3 = Right Angle 1.50mm  
 (RX Custom length available.)



RECOMMENDED PCB LAYOUT  
(TOLERANCE: ±0.05)

REV.	DATE & DRN
10	06/06/02 - SJT RELEASE
11	21/07/04 - NYW
12	26/08/05 - NYW
13	03/08/06 - NYW
14	04/07/06 - NYW
15	28/05/07 - NYW
16	27/03/08 - CHC
17	05/09/08 - NYW
18	30/12/08 - CHC
19	12/11/09 - NYW

Scale:	5:1
Drawn:	CHC
App'd:	XXXX
Date:	12 NOV '09

THIRD ANGLE	
Title	PIN HEADER
Revision:	1.9

Unstated Tolerances:	
X	± 0.30
X	± 0.25
XX	± 0.15
XXX	± 0.10

Material	SEE NOTE
	NOT TO SCALE
Unit:	mm

THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT

Type:	BB02-FB
Drawing Number:	BB02-FB
Sheet	1 of 1
Drawing	E and 0 E