

BB02-FB

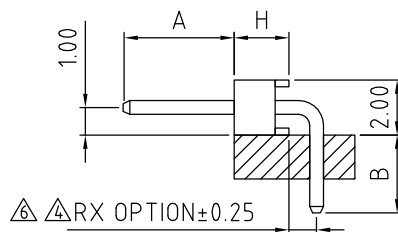
CUSTOMER PRODUCT SPECIFICATION SHEET

RoHS
Compliant

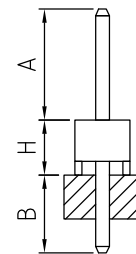
BB02-FB :- 2.00mm (0.079") PIN HEADER, SINGLE ROW, THROUGH HOLE - 02 to 40 CONTACTS, STRAIGHT OR RIGHT ANGLE

SPECIFICATIONS :

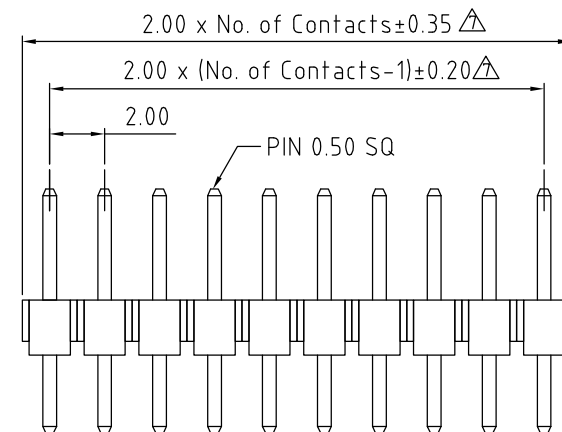
CURRENT RATING 2 AMP Δ
INSULATOR RESISTANCE 1000 MEGOHMS MIN. Δ
DIELECTRIC WITHSTANDING AC 500 V
OPERATING TEMPERATURE -40°C TO +105°C
CONTACT MATERIAL BRASS
INSULATOR MATERIAL THERMOPLASTIC, UL 94V-0
NYLON 6T : STANDARD
PBT : SPECIAL OPTION
PLATING GOLD, TIN OR SELECTIVE OVER 30-50U" NICKEL
SOLDERABILITY: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



R Type



S Type

PACKED LOOSE IN BAG OR BOX Δ Δ

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

HOW TO ORDER

BB02 - FBXX1 - XXXX - 6T

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' OPTIONS:

A=1.5mm
B=2.0mm (STANDARD)

PIN LENGTH A (1/10mm)

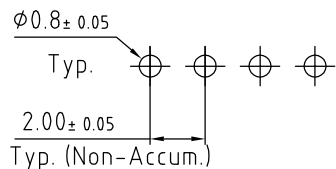
PLEASE SPECIFY PIN
LENGTH REQUIRED
I.E. 2.5mm = 25
STANDARD = 40
TOL. ± 0.25 mm

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

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

CONNECTOR TYPE OPTIONS:

S0 = Straight
 Δ R0 = Right Angle 1.0mm (Standard)
R1 = Right Angle 0.25mm
 Δ R2 = Right Angle 1.27mm
 Δ R3 = Right Angle 1.50mm
 Δ R4 = Right Angel 1.75mm
 Δ R5 = Right Angel 1.90mm
(RX Custom length available.)



RECOMMENDED PCB LAYOUT
(TOLERANCE: ± 0.05)

REV.	DATE & DRN
10	06/06/02 - SJT RELEASE
11	21/07/04 - NYW
Δ 12	REMOVE PACK OPTION 8.
Δ 12	26/02/05 - NYW
Δ 12	AMEND PACK OPTIONS.
Δ 13	03/08/06 - NYW
Δ 13	ADD INSULATOR OPTION.
Δ 13	DRAWING MODIFICATION.
Δ 14	01/10/06 - NYW
Δ 14	ADD RX OPTION.
Δ 15	28/05/07 - NYW
Δ 15	AMEND CURRENT RATING.
Δ 16	27/07/08 - CHC
Δ 16	ADD INSULATOR RESISTANCE.
Δ 16	ADD RX OPTION.
Δ 17	03/09/08 - NYW
Δ 17	AMEND TOLERANCE.
Δ 18	30/12/08 - CHC
Δ 18	DRAWING MODIFICATION.
Δ 19	12/11/09 - NYW
Δ 20	ADD R3 OPTION
Δ 20	01/06/11 - NYW
Δ 21	ADD R4 OPTION
Δ 21	03/05/16 - NYW
Δ 21	ADD R5 OPTION

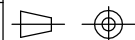
Scale: 5:1

Drawn: CHC

App'd: XXXX

Date: 3 MAY '16

THIRD ANGLE



Title PIN HEADER

Revision: 2.1

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-FB

BB02-FB

Drawing Number:

Sheet 1 of 1

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