

BB02-FZ :- 2.00mm X 2.00mm (0.079" X 0.079") PIN HEADER, DUAL ROW, STRAIGHT, THROUGH HOLE, 04 to 80 CONTACTS, BOARD SPACER

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.

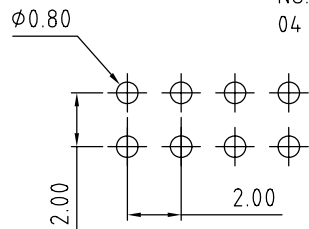
MATES WITH: - BB02-GH BB02-GP BB02-RG
BB02-GK BB02-GQ BB02-RJ
BB02-GL BB02-GT BB02-RX
BB02-GM BB02-GZ

NOTES:

1. MAX. C LENGTH = 39mm - A - B - D.

HOW TO ORDER

B	B	0	2	-	F	Z	X	X	1	-	X	X	1	-	X	X	X	X	X	X	-	6	T
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---



(TOLERANCE: ±0.05)
RECOMMENDED PCB HOLE LAYOUT

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

DIMENSION B

A = 2.8
B = 2.0
C = 2.5
D = 3.0
E = 3.5
F = 6.0

PIN LENGTH A (1/10mm)
SPECIFY PIN LENGTH
STANDARD = 40 = 4.0mm
MINIMUM = 10 = 1.0mm
MAXIMUM = 150 = 15.0mm
TOL.: ±0.25mm

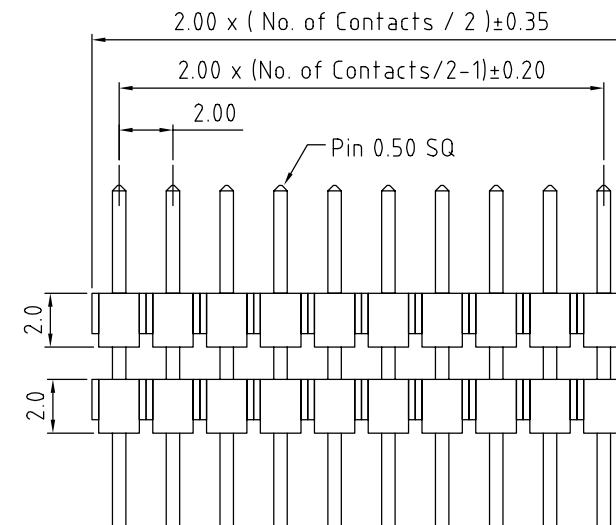
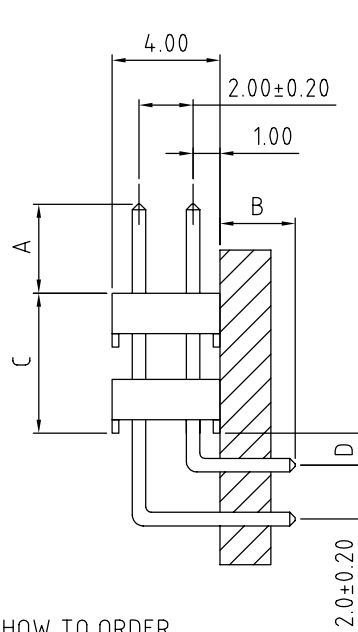
PIN LENGTH C (1/10mm)
SPECIFY PIN LENGTH
MINIMUM = 40 = 4.0mm
MAXIMUM = SEE NOTE 1.
TOL.: ±0.25mm

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

PIN LENGTH D (1/10mm)
SPECIFY PIN LENGTH
STANDARD = 10 = 1.0mm
TOL.: ±0.25mm

LONGER PIN LENGTH REQUIRED?

If pin length required is longer than 9.9mm (99), then use a '/' to separate the numbers.
Example: A=6.0mm, C=12.5mm, D=3.0mm, mark as 60 / 125 / 30.



REV.	DATE & DRN
10	27/07/05 - NYW RELEASE
11	08/08/06 - NYW
12	15/03/07 - CHC
13	02/06/08 - CHC
14	12/01/09 - NYW

Scale:	5:1	THIRD ANGLE	Unstated Tolerances:	Material
Drawn:	CHC		X ± 0.30 X ± 0.25 XX ± 0.15 XXX ± 0.10	SEE NOTE
App'd:	XXXX	Title	PIN HEADER	NOT TO SCALE
Date:	12 JAN '09	Revision:	1.4	Unit: mm



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

Type: BB02-FZ

BB02-FZ

Drawing Number:

Sheet 1 of 1

Drawing © E and O E