

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

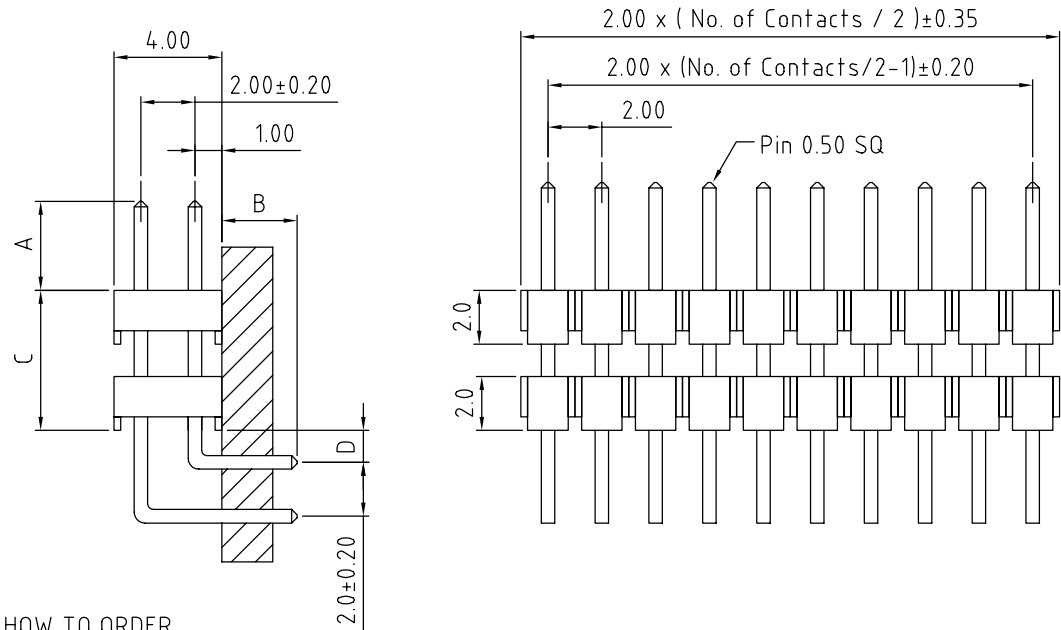
CURRENT RATING 2 AMP
 INSULATOR RESISTANCE 1000 MEGOHMS MIN.
 DIELECTRIC WITHSTANDING AC 500 V
 OPERATING TEMPERATURE -40°C TO +105°C
 CONTACT MATERIAL BRASS
 INSULATOR MATERIAL POLYESTER, UL 94V-0
 NYLON 6T : STANDARD
 PBT : SPECIAL OPTION
 PLATING GOLD, TIN, OR SELECTIVE OVER 30-50U" NICKEL
 SOLDERABILITY: 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.

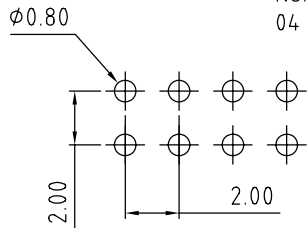
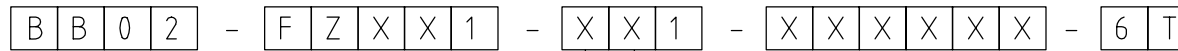
MATES WITH: - BB02-GH BB02-GP BB02-RG
 BB02-GK BB02-GQ BB02-RJ
 BB02-GL BB02-GT BB02-RX
 BB02-GM BB02-GZ

NOTES:

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



HOW TO ORDER



(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
1.0	27/07/05 - NYW RELEASE
1.1	08/08/06 - NYW
1.2	15/03/07 - CHC
1.3	02/06/08 - CHC
1.4	12/01/09 - NYW

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

THIRD ANGLE	
Title	PIN HEADER
Revision:	1.4

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

Material	SEE NOTE
	NOT TO SCALE
Unit:	mm

www.gradconn.com

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