BB02-FS	CUSTOMER PRODUCT SPECIFICATION SHEET	RoHS Compliant

BB02-FS :- 2.00mm X 2.00mm (0.079" X 0.079") BOX HEADER, DUAL ROW, STRAIGHT, THROUGH HOLE TYPE, 08 TO 50 CONTACTS, BOARD SPACER

SPECIFICATIONS :

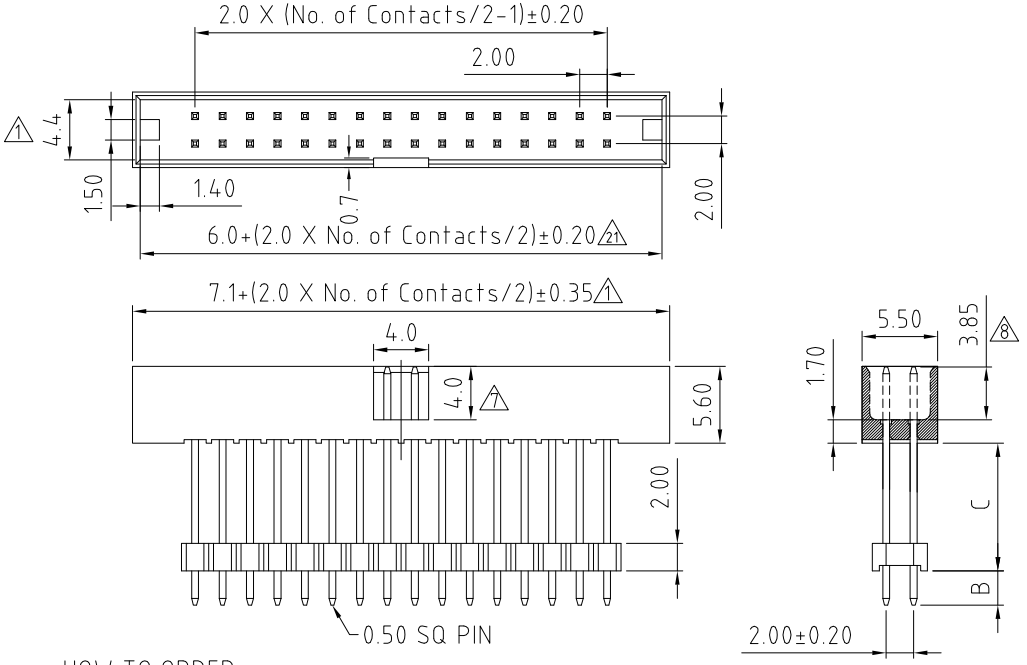
CURRENT RATING	2 AMP
INSULATOR RESISTANCE	1000 MEGOHMS MIN.
CONTACT RESISTANCE	20 m OHMS MAX.
DIELECTRIC WITHSTANDING	AC 500 V
OPERATING TEMPERATURE	-40°C TO +105°C
CONTACT MATERIAL	BRASS
INSULATOR MATERIAL	THERMOPLASTIC, UL 94V-0
	STANDARD: NYLON-6T
PLATING	GOLD, TIN, OR SELECTIVE OVER 30-50U" NICKEL
SOLDERABILITY:	IR REFLOW: 260°C FOR 10 SEC
	WAVE: 230°C FOR 5-10 SEC
	MANUAL SOLDER: 350°C FOR 3-5 SEC

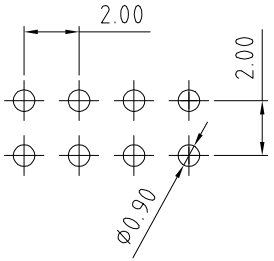
MATES WITH: -

BB02-GH	BB02-RJ
BB02-GP	BB02-RL
BB02-GQ	BB02-RP (perfect mate)

NOTES:

1. MATING HEIGHT = C + 1.6 + SOCKET HEIGHT.





(TOLERANCE: ±0.05)
RECOMMENDED PC BOARD HOLE LAYOUT

HOW TO ORDER

B	B	0	2	-	F	S	X	X	1	-	X	0	2	-	X	X	X	X	X	X

NO. OF CONTACTS:
08 TO 50

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

PACKAGING TYPE:
2 = BULK IN BOX [1]

PIN LENGTH C (1/10mm)
PLEASE SPECIFY PIN
LENGTH REQUIRED
I.E 2,5mm = 025
MINIMUM = 020
MAXIMUM = 260
TOL. ±0.2mm

PIN LENGTH B (1/10mm)
PLEASE SPECIFY PIN
LENGTH REQUIRED
I.E. 2,5mm = 025
TOL. ±0.2mm

REV.	DATE&DRN
1.0	15/04/'05-CHC RELEASE
1.1	06/06/'06-NYW AMEND DIMENSION. ADD INSULATOR WIDTH. AMEND PACKAGING.
1.2	07/08/'06 - NYW [1] AMEND NO. OF CONTACTS. DRAWING MODIFICATION.
1.3	18/01/'08 - NYW PLATING MODIFICATION.
1.4	21/05/'08 - NYW ADD MATT TIN PLATING.
1.5	06/01/'09 - NYW DRAWING MODIFICATION.
1.6	05/02/'09 - NYW CHANGE MAX. PIN# TO 50.
1.7	08/10/'09 - NYW [1] ADD INSULATOR DIMENSION.
1.8	08/12/'09 - NYW [1] ADD DIMENSION.
1.9	07/03/'14 - NYW AMEND MATING P/N. ADD NOTE 1.
2.0	14/05/'15 - NYW AMEND NO. OF CONTACTS.
2.1	31/07/'17 - NYW [1] AMEND DIMENSION.

Scale: 2.5:1	THIRD ANGLE	Unstated Tolerances: X. ± 0.30, .X ± 0.25, .XX ± 0.15, .XXX ± 0.10	Material: SEE NOTE
Drawn: CHC			
App'd: NYW	Title: BOX HEADER		NOT TO SCALE
Date: 31 JUL. '17	Revision: 2.1		Unit: mm

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Type: BB02-FS
BB02-FS
Drawing Number:
Sheet 1 of 1
Drawing E and O E