

BB02-HF:- 2.54mm x 2.54mm ( 0.1" x 0.1" ) BOX HEADER, 4 WALL SHROUDED DUAL ROW, STRAIGHT, 6 TO 64 CONTACTS

SPECIFICATIONS

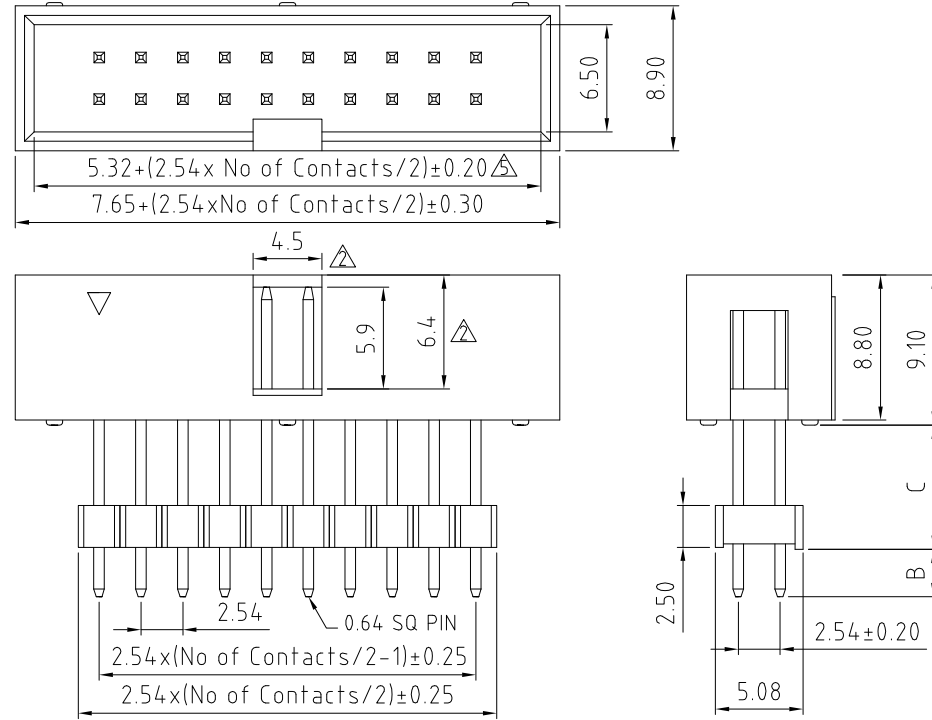
CURRENT RATING 3 AMP  
 INSULATOR RESISTANCE 1000 MEGOHMS MIN.  
 DIELECTRIC WITHSTANDING AC 600 V  
 OPERATING TEMPERATURE -40°C TO 105°C  
 CONTACT MATERIAL BRASS  
 INSULATOR MATERIAL THERMOPLASTIC, UL 94V-0  
 NYLON 6T : STANDARD  
 PBT : SPECIAL OPTION  
 PLATING GOLD, TIN OR SELECTIVE OVER 30-50U" 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)

PACKED IN TRAYS

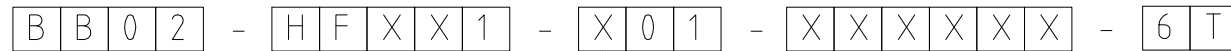
MATES WITH: - BB02-KA BB02-KU  
 BB02-KD BB02-KW (perfect mate)  
 BB02-KH BB02-LD  
 BB02-KK  
 BB02-KT

NOTES:

1. MATING HEIGHT = C + 2.7 + SOCKET HEIGHT.



HOW TO ORDER



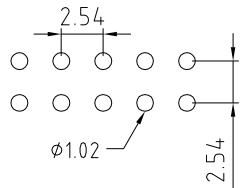
NO. OF CONTACTS:  
 06, 08, 10, 12, 14  
 16, 20, 24, 26, 30  
 34, 40, 44, 50, 60  
 64

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

PIN LENGTH C (1/10mm)  
 PLEASE SPECIFY PIN LENGTH RERQUIRED  
 I.E. 2.5mm = 025  
 STANDARD = 075  
 MINIMUM = 025  
 MAXIMUM = 260  
 TOL.: ±0.25MM

PIN LENGTH B (1/10mm)  
 PLEASE SPECIFY PIN LENGTH RERQUIRED  
 I.E. 2.5mm = 025  
 STANDARD = 030  
 TOL.: ±0.25MM

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



RECOMMENDED PCB LAYOUT (TOLERANCE: ±0.05)

REV.	DATE & DRN
10	04/10/04 - CHC NEW
11	16/08/06 - NYW
12	29/06/07 - CHC
13	06/02/09 - CHC
14	27/05/09 - NYW
15	15/06/11 - NYW
16	07/03/16 - NYW

11	ADD PLASTIC OPTION.
12	AMEND PIN NUMBERS.
13	ADD PACKAGING TYPE.
14	DRAWING MODIFICATION.
15	ADD MIN. C DIMENSION.
16	ADD DIMENSION FORMULA.
17	AMEND MATING P/N.
18	ADD NOTE 1.

Scale:	3:1
Drawn:	CHC
App'd:	NYW
Date:	7 MAR. '14

THIRD ANGLE	
Title:	BOX HEADER
Revision:	1.6

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

Material	SEE NOTE
	NOT TO SCALE
Unit:	mm

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