BB02-HF

CUSTOMER PRODUCT SPECIFICATION SHEET

RoHS Compliant

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

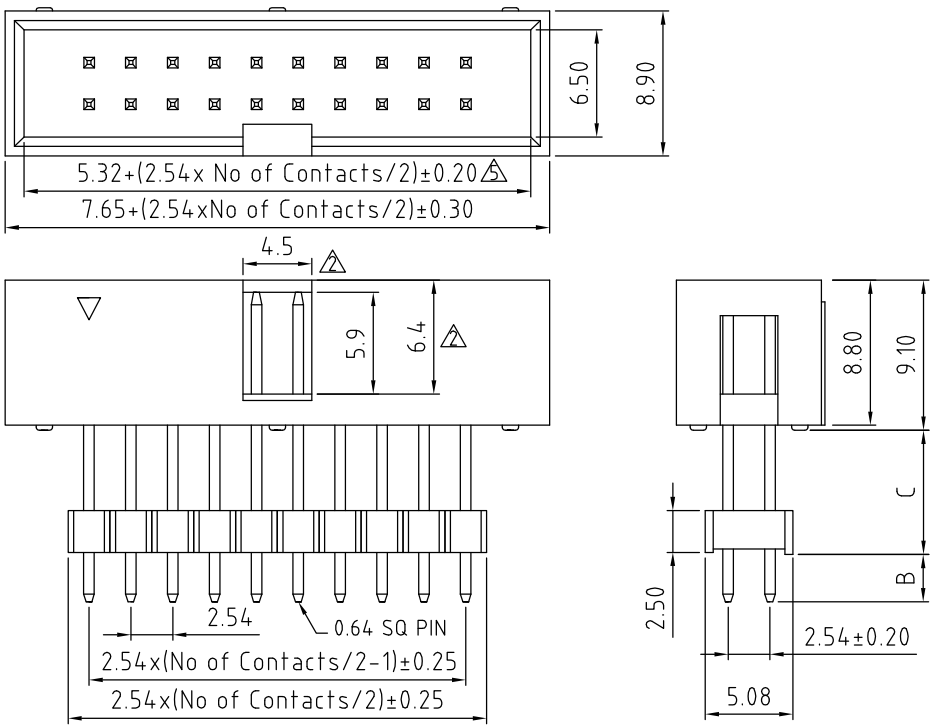
PLATING GOLD, TIN OR SELECTIVE OVER 30-50U" NICKEL

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 1

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

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

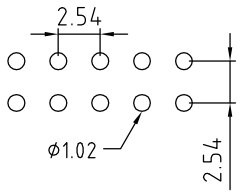
1 NO. OF CONTACTS:
06, 08, 10, 12, 14
16, 20, 24, 26, 30
34, 40, 44, 50, 60
64

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 1
6T = NYLON 6T (STANDARD)
BLANK = PBT (Not suitable for new designs.)



RECOMMENDED PCB LAYOUT
(TOLERANCE: ±0.05)

REV.	DATE & DRN	
1.0	04/10/'04 - CHC	NEW
1.1	14/08/'06 - NYW	1 ADD PLASTIC OPTION. AMEND PIN NUMBERS. ADD PACKAGING TYPE. DRAWING MODIFICATION.
1.2	29/06/'07 - CHC	1 ADD DIMENSION.
1.3	06/02/'09 - CHC	DRAWING MODIFICATION.
1.4	27/05/'09 - NYW	ADD MIN. C DIMENSION.
1.5	15/04/'11 - NYW	1 ADD DIMENSION FORMULA.
1.6	07/03/'14 - NYW	AMEND MATING P/N. ADD NOTE 1.

Scale: 3:1	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: 7 MAR. '14	Revision: 1.6		Unit: mm

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BB02-HF
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