

BB02-NN

CUSTOMER PRODUCT SPECIFICATION SHEET

RoHS
Compliant

BB02-NN :- 1.27mm X 1.27mm (0.05" X 0.05") BOX HEADER, SMD, DUAL ROW - 10 TO 80 CONTACTS

SPECIFICATIONS :

CURRENT RATING	1 AMP
INSULATOR RESISTANCE	1000 MEGOHMS MIN.
DIELECTRIC WITHSTANDING	AC 300 V
CONTACT RESISTANCE	20m OHMS MAX.
OPERATING TEMPERATURE	-40°C TO +105°C
CONTACT MATERIAL	PHOSPHOR BRONZE
INSULATOR MATERIAL	THERMOPLASTIC, UL 94V-0
STANDARD : LCP	

PLATING	GOLD OR TIN OVER 30~50U" NICKEL
SOLDERABILITY	IR REFLOW: 280°C FOR 10 SEC
	MANUAL SOLDER: 380°C FOR 3-5 SEC

MATES WITH:

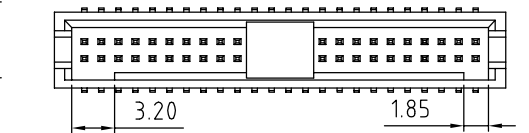
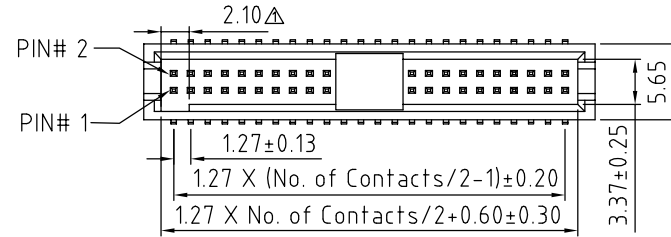
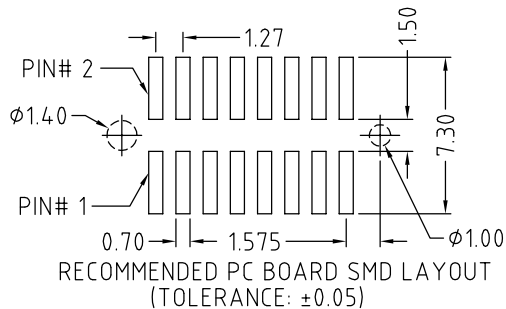
PERFECT MATING PARTS: BB02-CM, BB02-CU

OTHER MATING PARTS: BB02-CL, BB02-CN (4.40MM PROFILE ONLY)

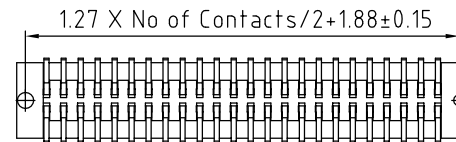
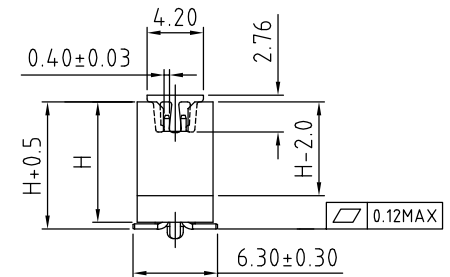
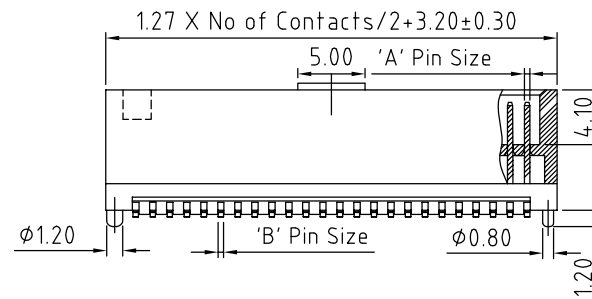
NOTE 1: INSULATOR, MATING HEIGHT AND PIN SIZE INFORMATION

CODE	'H' HEIGHT	MATING HEIGHT	PIN SIZE A/B
A	9.0MM	5.4MM+SOCKET HEIGHT	0.40 / 0.40
B	9.6MM	6.0MM+SOCKET HEIGHT	0.40 / 0.40
C	10.2MM	6.6MM+SOCKET HEIGHT	0.36 / 0.42
D	10.7MM	7.1MM+SOCKET HEIGHT	0.36 / 0.42
E	11.0MM	7.4MM+SOCKET HEIGHT	0.36 / 0.42
F	11.5MM	7.9MM+SOCKET HEIGHT	0.36 / 0.42
G	12.2MM	8.6MM+SOCKET HEIGHT	0.36 / 0.42
H	13.5MM	9.9MM+SOCKET HEIGHT	0.36 / 0.42
J	14.2MM	10.6MM+SOCKET HEIGHT	0.36 / 0.42
K	15.2MM	11.6MM+SOCKET HEIGHT	0.40 / 0.40
L	17.6MM	14.0MM+SOCKET HEIGHT	0.36 / 0.42
M	18.6MM	15.0MM+SOCKET HEIGHT	0.36 / 0.42
N	15.6MM	12.0MM+SOCKET HEIGHT	0.36 / 0.42

△



△ Insulator top view for H=13.5 (H) & 17.6 (L).



HOW TO ORDER

BB02 - NNXX1 - XXX - XXXXXXX

NO. OF CONTACTS:
10 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

"H" HEIGHT
OPTIONS:
(SEE NOTE 1)

PACKAGING OPTIONS:
3 = TUBE (STANDARD)
5 = TUBE + CAP
6 = TAPE & REEL
8 = TAPE & REEL + CAP

LOCATING PEG
OPTIONS:
A = WITH PEG
B = WITHOUT PEG

REV.	DATE & DRN
10.	26/11/09 - CHC RELEASE
11.	04/03/14 - NYW
12.	30/04/14 - NYW
13.	23/12/16 - NYW
14.	06/05/21 - NYW
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100.	06/05/21 - NYW

Scale:	2.5:1
Drawn:	CHC
App'd:	XXXX
Date:	13 JAN. '23

THIRD ANGLE	Unstated Tolerances:
	X ± 0.30
	X ± 0.25
	XX ± 0.15
	XXX ± 0.10
Title	BOX HEADER
Revision:	15

Material	SEE NOTE
UNIT:	mm

Infratron	www.infratron.de
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Type:	BB02-NN
BB02-NN	
Drawing Number:	
Sheet 1	of 1
Drawing	E and O E