

BB02-BY

CUSTOMER PRODUCT SPECIFICATION SHEET

RoHS
Compliant

BB02-BY :- 1.27mm X 1.27mm (0.05" X 0.05") BOX HEADER, SMD, DUAL ROW - 10 TO 100 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	BRASS
INSULATOR MATERIAL	THERMOPLASTIC, UL 94V-0 STANDARD : LCP + 30% G/F Δ
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

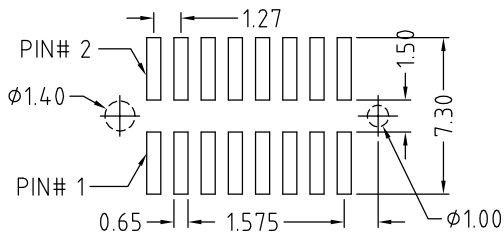
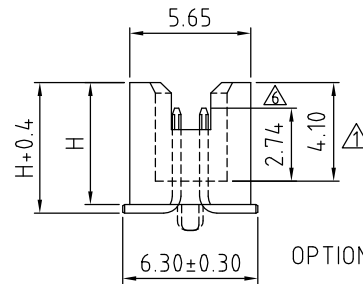
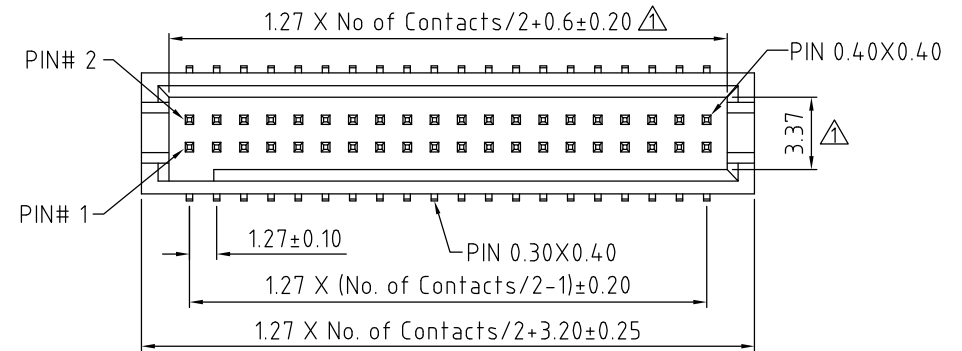
PERFECT MATING PARTS: BB02-CM, BB02-CU

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

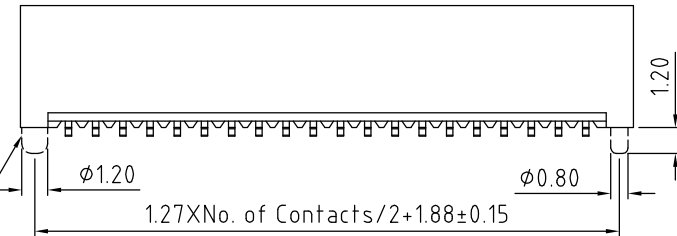
NOTES:

1. MATING HEIGHTS:

- WITH INSULATION HEIGHT OF A=5.7MM, THE MATING HEIGHT IS 2.0MM+SOCKET HEIGHT.
- WITH INSULATION HEIGHT OF B=7.3MM, THE MATING HEIGHT IS 3.6MM+SOCKET HEIGHT.

RECOMMENDED PC BOARD SMD LAYOUT
(TOLERANCE: ± 0.05)

OPTIONAL PEG



HOW TO ORDER

BB02 - BYXX1 - XXX - X00000

NO. OF CONTACTS:
10 TO 98
100 Contacts = 00

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:
A = 5.7MM
B = 7.3MMPACKAGING OPTIONS:
3 = TUBE
5 = TUBE & CAP
6 = TAPE & REEL
8 = TAPE & REEL & CAPLOCATING PEG
OPTIONS:
A = WITH PEG
B = WITHOUT PEG

REV.	DATE & DRN
10	04/05/05 - NYW RELEASE
11	03/06/05 - NYW
12	ADD DIMENSIONS.
13	DRAWING MODIFICATION.
14	PLATING MODIFICATION.
15	14/08/08 - NYW
16	24/11/09 - NYW
17	27/12/10 - NYW
18	04/03/14 - NYW
19	04/11/15 - NYW

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14	PLATING MODIFICATION.
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16	24/11/09 - NYW
17	27/12/10 - NYW
18	04/03/14 - NYW
19	04/11/15 - NYW

Scale:	4:1
Drawn:	CHC
App'd:	XXXX
Date:	9 NOV. '15

THIRD ANGLE	
Title	BOX HEADER
Revision:	1.9

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

Material	SEE NOTE
NOT TO SCALE	
UNIT:	mm

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