

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 :

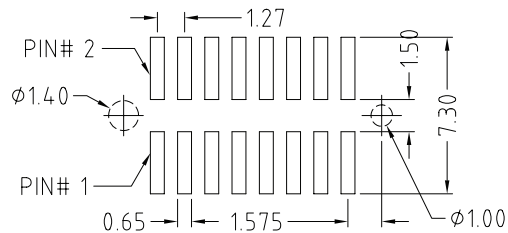
| | |
|-------------------------|----------------------------------|
| CURRENT RATING | 1 AMP |
| INSULATOR RESISTANCE | 1000 MEGOHMS MIN. |
| DIELECTRIC WITHSTANDING | AC 300 V |
| CONTACT RESISTANCE | 20m OHMS MAX. |
| OPERATING TEMPERATURE | -40°C TO +105°C |
| CONTACT MATERIAL | BRASS |
| INSULATOR MATERIAL | THERMOPLASTIC, UL 94V-0 |
| | STANDARD : NYLON 6T |
| PLATING | GOLD OR TIN 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-CL
BB02-CM
BB02-CN
BB02-CR
BB02-CU

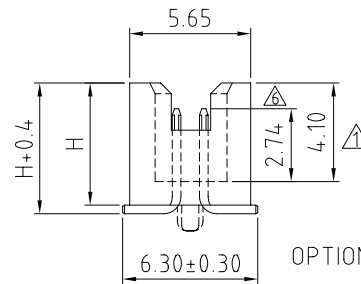
NOTES:

1. MATING HEIGHTS:

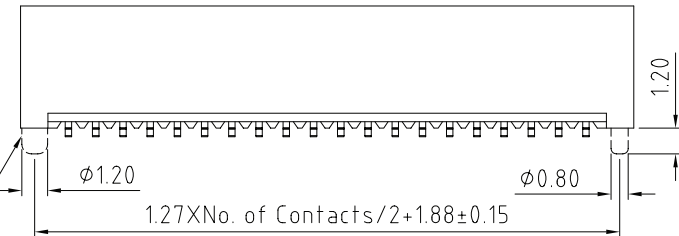
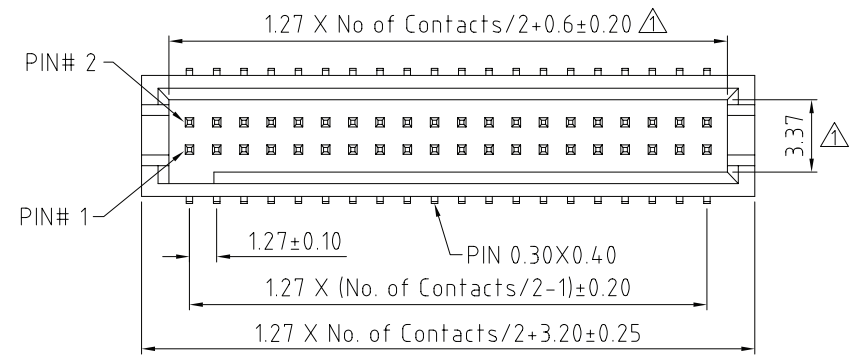
- a). WITH INSULATION HEIGHT OF A=5.7MM, THE MATING HEIGHT IS 1.6MM+SOCKET HEIGHT.
b). WITH INSULATION HEIGHT OF B=7.3MM, THE MATING HEIGHT IS 3.2MM+SOCKET HEIGHT.



RECOMMENDED PC BOARD SMD LAYOUT
(TOLERANCE: ±0.05)



OPTIONAL PEG



HOW TO ORDER

BB02 - BYXX1 - XXX - XXXX

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

INSULATION
HEIGHT "H"
A = 5.7MM
B = 7.3MM

PACKAGING OPTIONS
3 - TUBE
5 - TUBE & CAP
6 - T & R
8 - T & R & CAP

WITH / WITHOUT
LOCATING PEG
A = WITH
B = WITHOUT

| | |
|------|------------------------|
| REV. | DATE & DRN |
| 10 | 04/05/05 - NYW RELEASE |
| 11 | 03/06/05 - NYW |
| 12 | 19/07/06 - NYW |
| 13 | 20/05/08 - CHC |
| 14 | 16/08/08 - NYW |
| 15 | 25/12/08 - CHC |
| 16 | 24/11/09 - NYW |
| 17 | ADD DIMENSION |

| | | | | |
|--------|------------|-------------|---|--------------|
| Scale: | 4:1 | THIRD ANGLE | Unstated Tolerances: | Material |
| Drawn: | CHC | | X ± 0.30 X ± 0.25 XX ± 0.15 XXX ± 0.10 | SEE NOTE |
| App'd: | XXXX | Title | BOX HEADER | NOT TO SCALE |
| Date: | 24 NOV '09 | Revision: | 1.6 | UNIT: mm |



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COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT

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