

BB02-5B

## CUSTOMER PRODUCT SPECIFICATION SHEET

RoHS  
Compliant

BB02-5B :- 1.27mm (0.05") PIN HEADER, SINGLE ROW, U TYPE, THROUGH HOLE, 01 to 50 CONTACTS

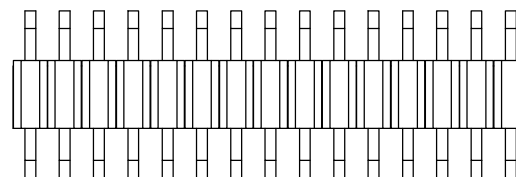
## SPECIFICATIONS

|                         |                         |
|-------------------------|-------------------------|
| CURRENT RATING          | 1 AMP                   |
| VOLTAGE RATING          | 100V AC/DC              |
| CONTACT RESISTANCE      | 30m OHMS MAX.           |
| INSULATOR RESISTANCE    | 5000 MEGOHMS MIN.       |
| DIELECTRIC WITHSTANDING | AC 500 V                |
| OPERATING TEMPERATURE   | -40°C TO +105°C         |
| CONTACT MATERIAL        | BRASS                   |
| INSULATOR MATERIAL      | THERMOPLASTIC, UL 94V-0 |
| STANDARD : NYLON 6T     |                         |

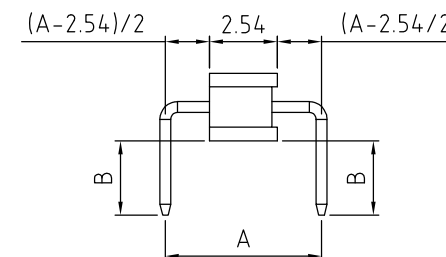
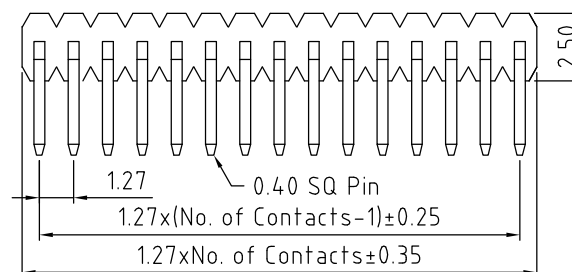
PLATING GOLD, TIN, OR SELECTIVE OVER 30-50U" NICKEL  
SOLDERABILITY: IR REFLOW: 260°C FOR 10 SEC  
WAVE: 230°C FOR 5-10 SEC  
MANUAL SOLDER: 350°C FOR 3-5 SEC

## NOTES:

1. BULK PACKAGE IN BAG.  
MATES WITH:- BB02-CP  
BB02-CT  
BB02-CY



(EXAMPLE OF 15 CONTACTS PART)



## HOW TO ORDER

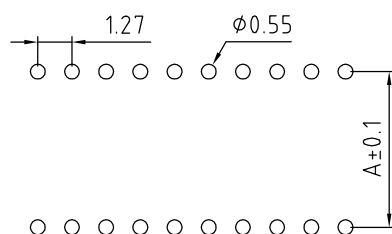
BB02 - 5BXX1 - X01 - XXXXX

NO. OF CONTACTS:  
01 TO 50

CONTACT PLATING OPTIONS :  
K = GOLD FLASH (STANDARD)  
T = BRIGHT TIN  
M = MATT TIN  
P = 10U" GOLD ALL OVER  
Q = 15U" GOLD ALL OVER  
R = 30U" GOLD ALL OVER

PIN LENGTH A (1/10mm)  
SPECIFY PIN LENGTH  
STANDARD = 050 = 5.0mm  
MINIMUM = 050 = 5.0mm  
MAXIMUM = 200 = 20.0mm  
TOL.: ±0.25mm

PIN LENGTH B (1/10mm)  
SPECIFY PIN LENGTH  
STANDARD = 026 = 2.6mm  
MINIMUM = 020 = 2.0mm  
MAXIMUM = 150 = 15.0mm  
TOL.: ±0.25mm



(TOLERANCE: ±0.05)  
RECOMMENDED PCB HOLE LAYOUT

REV. DATE & DRN  
1.0 27/02/13 - NYW RELEASE  
1.1 13/05/13 - NYW  
ADD MATING HALVES.

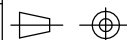
Scale: 5:1

Drawn: NYW

App'd: XXXX

Date: 13 MAY '13

THIRD ANGLE



Title PIN HEADER

Revision: 1.1

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: BB02-5B

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Drawing Number:

Sheet 1 of 1

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