

BB02-RN

CUSTOMER PRODUCT SPECIFICATION SHEET

RoHS Compliant

BB02-RN :- 2.00mm x 2.0mm (0.079" x 0.079") PIN HEADER, DUAL ROW, STRAIGHT, THROUGH HOLE, 4 to 80 CONTACTS, BOARD SPACER

SPECIFICATIONS

CURRENT RATING

2 AMP

INSULATOR RESISTANCE

1000 MEGOHMS MIN.

DIELECTRIC WITHSTANDING

AC 500 V

CONTACT RESISTANCE

20m OHMS MAX.

OPERATING TEMPERATURE

-40°C TO +105°C

CONTACT MATERIAL

BRASS

INSULATOR MATERIAL

THERMOPLASTIC, UL 94V-0
NYLON 6T (STANDARD)

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

STANDARD PACKAGING: LOOSE IN BAG OR BOX.

MATES WITH: -

BB02-GH

BB02-GP

BB02-GZ

BB02-GK

BB02-GQ

BB02-RG

BB02-GL

BB02-GT

BB02-RJ

BB02-GM

BB02-GY

BB02-RX

NOTES:

1. MAX. OAL (OVERALL PIN LENGTH A+C+B) = 45mm.

BOARD STACKING

4.00
2.00

2.00 x (No. of Contacts / 2) ± 0.35
2.00 x (No. of Contacts / 2 - 1) ± 0.25
2.00 ± 0.10
0.50 SQ PIN

HOW TO ORDER

BB02-RNXX1-XXXXXX

NO. OF CONTACTS

04 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
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

"H" INSULATOR HEIGHT OPTION

A = 1.5
B = 2.0 (STANDARD)

PIN LENGTH A (1/10mm)

SPECIFY PIN LENGTH
STANDARD = 40 = 4.0mm
MINIMUM = 10 = 1.0mm
MAXIMUM = 150 = 15.0mm
TOL.: ±0.25mm

PIN LENGTH B (1/10mm)

SPECIFY PIN LENGTH
STANDARD = 28 = 2.8mm
MINIMUM = 10 = 1.0mm
MAXIMUM = 150 = 15.0mm
TOL.: ±0.25mm

PIN LENGTH C (1/10mm)

SPECIFY PIN LENGTH
STANDARD = 75 = 7.5mm
MINIMUM = H HEIGHT x 2
MAXIMUM = SEE NOTE: 1
TOL.: ±0.25mm

LONGER PIN LENGTH REQUIRED?

If pin length required is longer than 9.9mm (99), then use a '/' to separate the numbers.
Example: A=6.0mm, B=3.0mm, C=12.5mm, mark as 60 / 30 / 125.

RECOMMENDED PCB HOLE LAYOUT

REV. DATE & DRN
11 10/03/11 - NYW
SPECIFY H SECON.

Scale: 5:1

Drawn: NYW

App'd: XXXX

Date: 10 MAR '11

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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Drawing Number:

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