

BB02-BD

CUSTOMER PRODUCT SPECIFICATION SHEET

RoHS Compliant

BB02-BD :- 1.27mm X 1.27mm (0.05" X 0.05") R/A PIN HEADER, DUAL ROW, THROUGH HOLE - 4 TO 100 CONTACTS

SPECIFICATIONS

CURRENT RATING

1 AMP

INSULATOR RESISTANCE

1000 MEGOHMS MIN.

DIELECTRIC WITHSTANDING

AC 300 V

OPERATING TEMPERATURE

-40°C TO +105°C

CONTACT MATERIAL

BRASS

INSULATOR MATERIAL

THERMOPLASTIC, UL 94V-0

STANDARD

LCP+30%GF

PLATING

GOLD, TIN, OR SELECTIVE OVER 30~50U" NICKEL

SOLDER ABILITY

IR REFLOW: 280°C FOR 10 SEC

WAVE

250°C FOR 5-10 SEC

MANNUAL SOLDER

380°C FOR 3-5 SED

PACKED IN TUBE OR BOX

MATES WITH :-

BB02-CL

BB02-CU

BB02-CM

BB02-CW

BB02-CN

BB02-CZ

BB02-CQ

BB02-CR

1.27 x (No. of Contacts/2)±0.30

1.27 x (No. of Contacts/2-1)±0.25

1.27±0.10

0.40 SQ PIN

0.40 SQ PIN

B

3.40

1.064

1.27

A

C

1.27

D

HOW TO ORDER

B

B

0

2

-

B

D

X

X

1

-

X

X

3

-

X

X

X

X

0

0

Ø0.65

Typ.

1.27

(Non-Accum.)

1.27

RECOMMENDED PC BOARD

HOLE LAYOUT

(TOLERANCE: ±0.05)

NO. OF CONTACTS

04 TO 100 (FOR C = 1.7, 1.5)

00 = 100 CONTACTS

04 TO 80 (FOR C = 2.7)

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

HEIGHT 'C' & 'D'

A = C: 2.7/ D: 3.10

B = C: 1.7/ D: 3.30

C = C: 1.5/ D: 3.30

D = C: 2.7/ D: 2.90

E = C: 1.7/ D: 1.90

F = C: 1.5/ D: 1.70

G = C: 1.0/ D: 3.50

H = C: 1.5/ D: 1.90

I = C: 2.5/ D: 3.77

K = C: 1.5/ D: 2.5

(CUSTOM LENGTH AVAILABLE UPON REQUEST)

PIN LENGTH A (1/10mm)

PLEASE SPECIFY PIN LENGTH REQUIRED IN mm

I.E. 2.5mm = 25

STANDARD = 38

TOL. ±0.25

PIN LENGTH B (1/10mm)

PLEASE SPECIFY PIN LENGTH REQUIRED IN mm

I.E. 2.5mm = 25

STANDARD = 30

TOL. ±0.25

REV.

DATE & DRN

11

27/02/02

NYCI RELEASE

12

28/07/04

CHC

13

10/02/05

NYW

14

01/05/05

NYW

15

01/05/05

NYW

16

02/05/07

NYW

17

05/06/07

NYW

18

12/07/07

NYW

19

20/05/08

CHC

20

30/10/08

CHC

21

02/12/08

CHC

22

25/02/09

CHC

23

27/05/09

CHC

24

08/08/09

NYW

25

08/08/09

NYW

Scale: 5:1

THIRD ANGLE

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-BD

BB02-BD

Drawing Number:

Sheet 1 of 1

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