

BB02-TK

CUSTOMER PRODUCT SPECIFICATION SHEET

RoHS
Compliant

BB02-TK :- 2.54mm (0.1") PIN HEADER, SINGLE ROW, RIGHT ANGLE, THROUGH HOLE TYPE 02 to 40 CONTACTS

SPECIFICATIONS

CURRENT RATING

3 AMP

VOLTAGE RATING

250V AC/DC

CONTACT RESISTANCE

250m OHMS MAX.

INSULATOR RESISTANCE

5000 MEGOHMS MIN.

DIELECTRIC WITHSTANDING

1000V AC/MINUTE

OPERATING TEMPERATURE

-40°C TO +105°C

CONTACT MATERIAL

BRASS

INSULATOR MATERIAL

THERMOPLASTIC, UL 94V-0

PLATING

GOLD, TIN, OR SELECTIVE PLATED 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

PACKED LOOSE IN BAG OR BOX.

MATES WITH :-

BB02-JB

BB02-JG

BB02-JU

BB02-JC

BB02-JJ

BB02-KR

BB02-JD

BB02-JL

BB02-JE

BB02-JS

BB02-JF

BB02-JT

0.64mm SQ PIN

2.54

2.54

2.54±0.15

2.54 x (No. of Contacts-1)±0.25

2.54 x No. of Contacts±0.35

2.50

A

C

D

B

HOW TO ORDER

B

B

0

2

-

T

K

X

X

1

-

X

0

1

-

X

X

X

X

X

X

NO. OF CONTACTS:

02 to 40

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 = 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

PIN LENGTH A (1/10mm)

SPECIFY PIN LENGTH

STANDARD = 60 = 6.0mm

MINIMUM = 10 = 1.0mm

MAXIMUM = 150 = 15.0mm

TOL.: ±0.25mm

PIN LENGTH C (1/10mm)

SPECIFY PIN LENGTH

MINIMUM = 51 = 5.1mm

TOL.: ±0.25mm

PIN LENGTH B & D OPTIONS:

CODE	B	D
AA	2.93	5.68
AB	1.40	2.40

TOL.: ±0.25mm

(CUSTOM LENGTH AVAILABLE)

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, C=15.5mm, B&D=AA, mark as 60 / 155 / AA.

1.02±0.05

Typ.

2.54±0.05

Typ. (Non-Accum.)

RECOMMENDED PC BOARD HOLE LAYOUT

REV. DATE & DRN

1.0 22/04/11 - NYW RELEASE

1.1 28/06/12 - NYW ADD PIN LENGTH AB OPTION.

1.2 16/09/14 - NYW AMEND DATE WITH P/N

Scale: 4:1

Drawn: NYW

App'd: XXX

Date: 16 SEP. '14

THIRD ANGLE

Title

PIN HEADER

Revision :

1.2

Unstated Tolerances:

X. ± 0.30

X ± 0.25

XX ± 0.15

.XXX ± 0.10

Material

SEE NOTE

NOT TO SCALE

Unit

mm

Infratron

www.infratron.de

Type: BB02-TK

BB02-TK

Drawing Number:

Sheet 1 of 1

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