

BB02-FK

CUSTOMER PRODUCT SPECIFICATION SHEET

RoHS
Compliant

BB02-FK :- 2.00mm (0.079") SMD PIN HEADER, SINGLE ROW, 2 to 40 CONTACTS, 2.00MM INSULATOR HEIGHT

SPECIFICATIONS

CURRENT RATING2 AMP

INSULATOR RESISTANCE1000 MEGOHMS MIN.

DIELECTRIC WITHSTANDINGAC 500 V

OPERATING TEMPERATURE-40°C TO +105°C

CONTACT MATERIALBRASS

INSULATOR MATERIALTHERMOPLASTIC, UL 94V-0

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

SOLDERABILITYIR REFLOW: 260°C FOR 10 SEC

MANUAL SOLDER: 350°C FOR 3-5 SEC

MATES WITH: - BB02-GD BB02-RW
BB02-GS
BB02-RK
BB02-RS

7.00

2.00

The cap used above 4pins

2.0 x No. of Contacts±0.35

2.0 x (No. of Contacts - 1)±0.25

2.00±0.13

0.5 SQ PIN

'H'

OPTIONAL FILM

OPTIONAL CAP

1.00

A

8.00

1.95

2.80±0.25

1.27±0.25

0.15

HOW TO ORDER

BB02 - FKXX1 - XAX - XXXX00

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 = 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

PACKAGING OPTIONS:
2 = LOOSE IN BOX (STANDARD)
3 = TUBE
4 = TUBE + FILM
5 = TUBE + CAP
6 = TAPE & REEL
7 = TAPE & REEL + FILM
8 = TAPE & REEL + CAP

INSULATOR 'H' OPTIONS:
0 = 2.0MM (STANDARD)
A = 1.5MM

PIN LENGTH 'A' (1/10mm)
PLEASE SPECIFY PIN
LENGTH REQUIRED IN mm
I.E. 2.5mm = 025
STANDARD = 032
Tol. ±0.25

2.00

2.30

0.90

(TOLERANCE: ±0.05)

RECOMMENDED PC BOARD LAYOUT

REV. DATE & DRN
10 15/05/08 - NYW RELEASE
11 17/01/09 - CHC DRAWING MODIFICATION
12 27/01/11 - NYW ADD PLANNER HEIGHT.
13 19/07/11 - NYW CHANGE INSULATOR MATERIAL TO NYLON 6T.
14 07/04/16 - NYW ADD INSULATOR 'H' OPTIONS.

Scale: 5:1
Drawn: CHC
App'd: XXXX
Date: 7 APR. '16

THIRD ANGLE
Title PIN HEADER
Revision: 1.4

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

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Type: BB02-FK
BB02-FK-A
Drawing Number:
Sheet 1 of 1
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