

BB02-BS

CUSTOMER PRODUCT SPECIFICATION SHEET

RoHS
Compliant

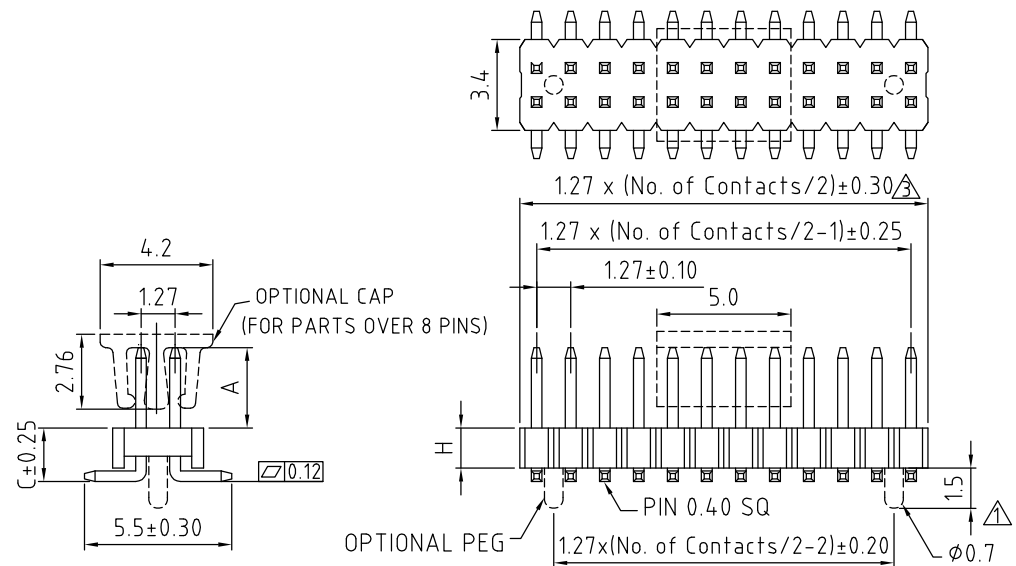
BB02-BS :- 1.27mm X 1.27mm (0.05" X 0.05") SMD PIN HEADER, DUAL ROW - 04 TO 100 CONTACTS

SPECIFICATIONS

CURRENT RATING	1 AMP
INSULATOR RESISTANCE	1000 MEGOHMS MIN.
CONTACTS RESISTANCE	20 m OHMS MAX.
DIELECTRIC WITHSTANDING	30V AC
OPERATING TEMPERATURE	-40°C TO +105°C
CONTACT MATERIAL	BRASS
INSULATOR MATERIAL	THERMOPLASTIC, UL 94V-0
	STANDARD LCP

PLATING	GOLD, TIN, OR SELECTIVE OVER 30~50U" NICKEL
SOLDERABILITY	IR REFLOW: 280°C FOR 10 SEC
	MANUAL SOLDER: 380°C FOR 3-5 SEC

MATES WITH :-	BB02-CL	BB02-CU
	BB02-CM	BB02-CW
	BB02-CN	BB02-CX
	BB02-CQ	BB02-CZ
	BB02-CR	



HOW TO ORDER

B B 0 2 - B S X X 1 - X X X - X X X X 0 0

NO. OF CONTACTS
04 TO 98
100 = 00

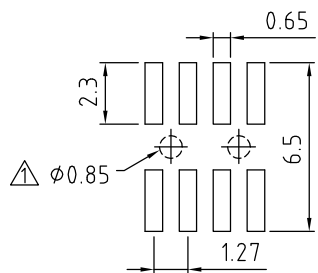
CONTACT PLATING OPTIONS
K = GOLD FLASH (STANDARD)
A = 10U" GOLD ON CONTACT/GOLD FLASH ON TAIL
B = 15U" GOLD ON CONTACT/GOLD FLASH ON TAIL
C = 30U" GOLD ON CONTACT/GOLD FLASH ON TAIL
T = BRIGHT TIN
M = MATT TIN
D = GOLD FLASH ON CONTACT/BRIGHT TIN ON TAIL
E = 10U" GOLD ON CONTACT/BRIGHT TIN ON TAIL
F = 15U" GOLD ON CONTACT/BRIGHT TIN ON TAIL
G = 30U" GOLD ON CONTACT/BRIGHT TIN ON TAIL

HEIGHT 'C'
A = 1.5mm (H=1.0)
B = 2.0mm (H=1.5)
C = 2.5mm (H=2.0)
D = 3.0mm (H=2.5) Δ
E = 2.2mm (H=1.7) Δ
F = 1.7mm (H=1.0) Δ
G = 3.5mm (H=3.0) Δ
STANDARD = B

PACKAGING OPTIONS
3 - TUBE
5 - TUBE & CAP
6 - T & R
8 - T & R & CAP

PIN LENGTH 'A' (1/10mm)
PLEASE SPECIFY PIN
LENGTH REQUIRED IN mm
I.E. 2.5mm = 025
STANDARD = 030
Tol. ±0.25

WITH OR WITHOUT
LOCATING PEG Δ
A = WITH (MIN. 6 PINS)
B = WITHOUT



RECOMMENDED PC BOARD SMD LAYOUT
(TOLERANCE: ±0.05)

REV.	DATE & DRN
1.0	11/04/05 - NYW RELEASE
1.1	12/04/05 - NYW
1.2	ADD LOCATING PEG OPTION
1.3	24/05/05 - CHC
1.4	ADD HEIGHT 'C' OPTION D.
1.5	11/01/05 - NYW
1.6	ADD LENGTH
1.7	06/07/06 - NYW
1.8	ADD HEIGHT OPTION E.
1.9	06/07/06 - NYW
2.0	ADD HEIGHT OPTION F.
2.1	19/07/06 - NYW
2.2	DRAWING MODIFICATION
2.3	20/02/08 - NYW
2.4	PLATING MODIFICATION
2.5	CHANGE INSULATOR TO LCP.
2.6	03/03/08 - NYW
2.7	ADD CAP DRAWING.
2.8	28/05/08 - NYW
2.9	ADD G TO C HEIGHT.
3.0	18/12/08 - CHC
3.1	DRAWING MODIFICATION.
3.2	25/12/08 - CHC
3.3	ADD TOLERANCE.

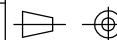
Scale: 5:1

Drawn: CHC

App'd: XXXX

Date: 25 DEC '08

THIRD ANGLE



Title PIN HEADER

Revision: 2.1

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-BS

BB02-BS

Drawing Number:

Sheet 1 of 1

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