

BB02-KW :- 2.54mm X 2.54mm (0.1" X 0.1") FEMALE HEADER, DUAL ROW, THROUGH HOLE - 06 TO 72 CONTACTS

## SPECIFICATIONS

CURRENT RATING	3 AMPS
INSULATOR RESISTANCE	1000 MEGOHMS MIN.
CONTACT RESISTANCE	20 M OHMS MAX
DIELECTRIC WITHSTANDING	AC 600 V
OPERATING TEMPERATURE	-40°C TO +105°C
CONTACT MATERIAL	PHOSPHOR BRONZE
INSULATOR MATERIAL	POLYESTER UL 94V-0 NYLON 6T : STANDARD PBT : SPECIAL OPTION

PLATING GOLD, TIN OR SELECTIVE OVER 30-50U" NICKEL

SOLDERABILITY: NYLON 6T - IR REFLOW: 260°C FOR 10 SEC

WAVE: 230°C FOR 5-10 SEC

MANNUAL SOLDER: 350°C FOR 3-5 SEC

PBT - MANNUAL SOLDER: 330°C FOR 3-5 SEC

(NOT SUITABLE FOR HI-TEMP PROCESS)

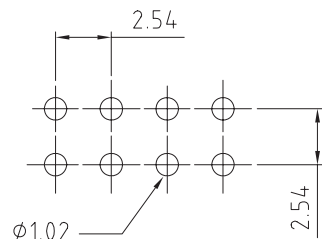
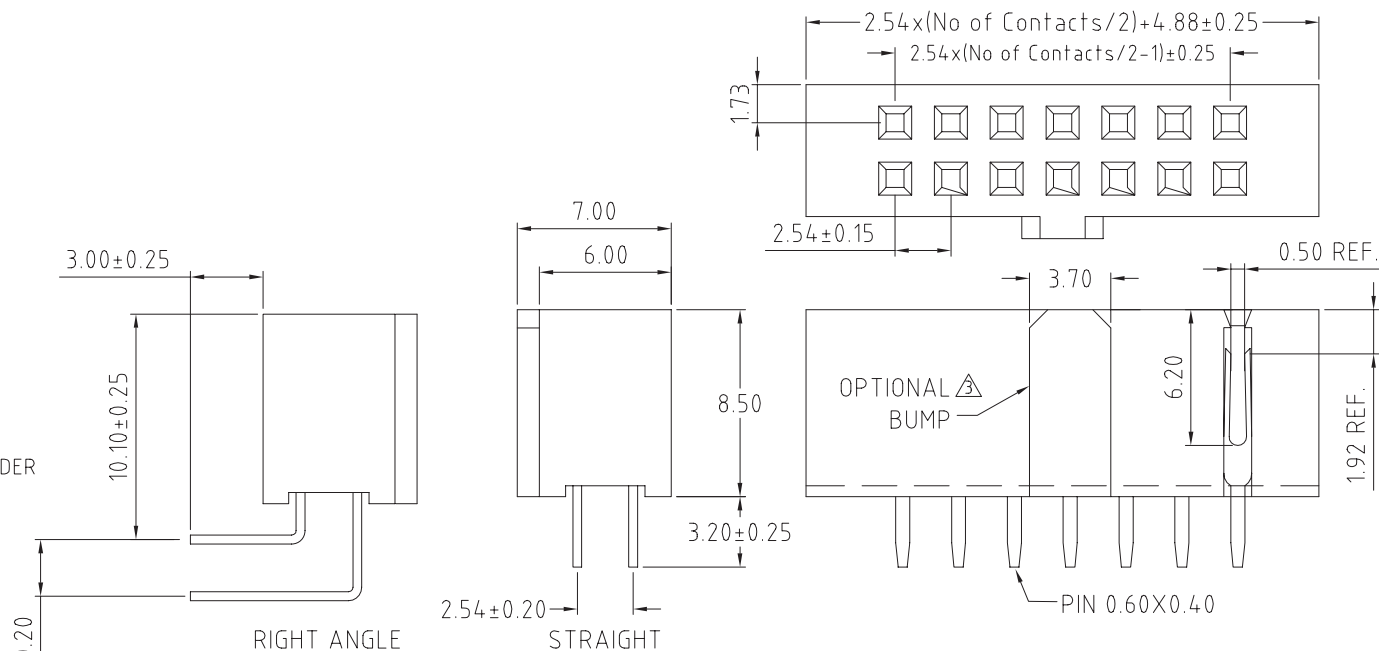
NOTE: SELECTIVE PLATING = GOLD PLATING ON CONTACT AREA, TIN ON SOLDER AREA.

## NOTES:

1. PACKED IN TRAY

2. RECOMMANED MATING PIN LENGTH: 6.0MM  

MATES WITH: BB02-HE BB02-TF BB02-HF (straight version only)  
BB02-HJ BB02-TG BB02-HQ (straight version only)  
BB02-HP BB02-TH BB02-HR (straight version only)  
BB02-HU  
BB02-TD

RECOMMENDED PC BOARD HOLE LAYOUT  
(TOLERANCE: ±0.05)

## HOW TO ORDER

B B 0 2 - K W X X 2 - X X 2 - X 0 0 0 0 0 - 6 T

NO. OF CONTACTS  
06 TO 72

## 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

 POLARIZATION BUMP

0 = WITH BUMP

1 = WITHOUT BUMP

## CONNECTOR TYPE

S = STRAIGHT

R = RIGHT ANGLE

 INSULATOR MATERIAL 

6T = NYLON 6T (STANDARD)

BLANK = PBT (Not suitable for new designs.)

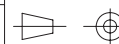
Scale: 4:1

Drawn: CHC

App'd: NYW

Date: 28 AUG '09

THIRD ANGLE



Title SOCKET

Revision: 1.6

Unstated Tolerances:

X ± 0.30  
X ± 0.25  
XX ± 0.15  
XXX ± 0.10Material  
SEE NOTE

NOT TO SCALE

Unit: mm

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Type: BB02-KW

BB02-KW

Drawing Number:

Sheet 1 of 1

Drawing ©

E and O E