

BB02-KQ

## CUSTOMER PRODUCT SPECIFICATION SHEET

RoHS  
Compliant

BB02-KQ :- 2.54MM FEMALE HEADER, DUAL ROW, SIDE ENTRY, SMT TYPE, 4 TO 80 CONTACTS

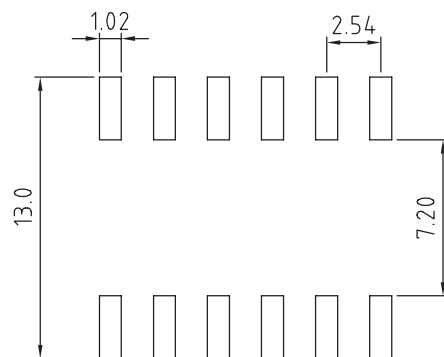
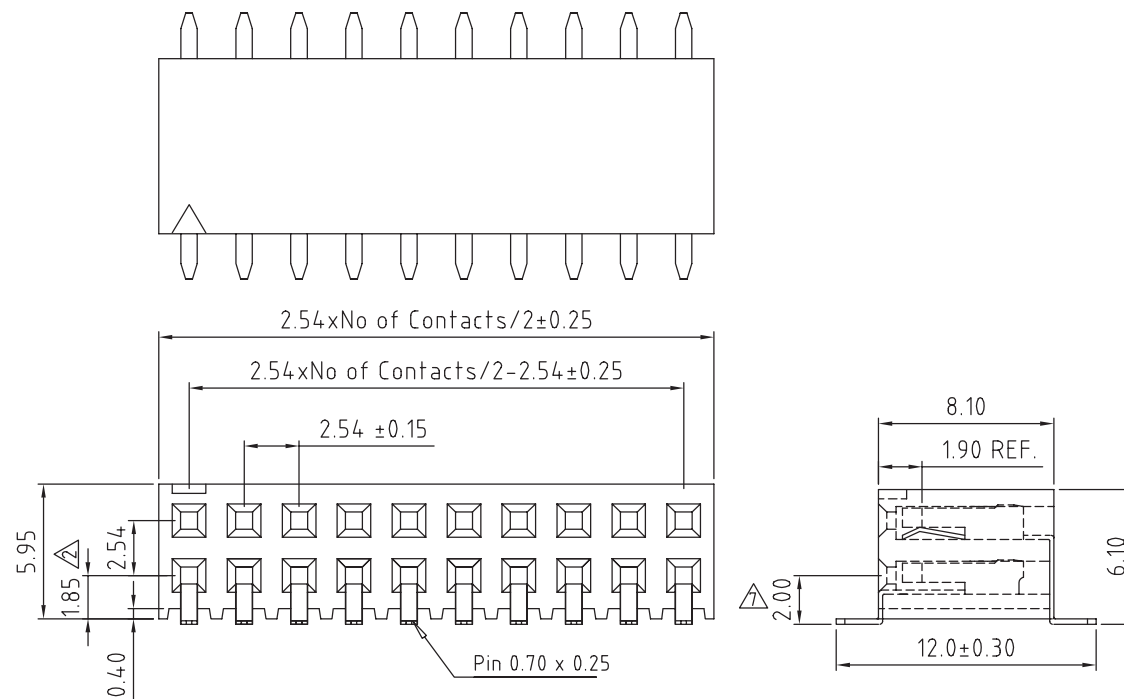
## SPECIFICATIONS

CURRENT RATING	3 AMP
INSULATOR RESISTANCE	1000 MEGOHMS MIN.
DIELECTRIC WITHSTANDING	600 V AC/DC
CONTACT RESISTANCE	20m OHMS MAX.
OPERATING TEMPERATURE	-40°C TO +105°C
CONTACT MATERIAL	PHOSPHOR BRONZE
INSULATOR MATERIAL	THERMOPLASTIC, UL 94V-0
	STANDARD NYLON 6T
PLATING	GOLD OR TIN OVER 30-50U" NICKEL
SOLDERABILITY	IR REFLOW: 260°C FOR 10 SEC
	MANUAL SOLDER: 350°C FOR 3-5

## NOTES:

1. RECOMMENDED MATING PIN LENGTH: 4.5MM. 

MATES WITH: - BB02-HE BB02-HU  
BB02-HJ BB02-TF  
BB02-HP BB02-TG



RECOMMENDED PC BOARD LAYOUT

## HOW TO ORDER

B	B	0	2	-	K	Q	X	X	2	-	X	0	X	-	0	0	0	0	0	0
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NO. OF CONTACTS  
04 TO 80CONTACT 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

PACKAGING OPTIONS  
3 - TUBE  
6 - TAPE & REEL  
STANDARD = 3

REV.	DATE/DRN
10	17/11/04-CHC - RELEASE
11	14/08/06 - CHC - DRAWING MODIFICATION.
12	25/06/07 - NYW - ADD DIMENSION.
13	30/05/07 - NYW - ADD NOTES 1.
14	16/09/07 - CHC - REMOVE SELECTIVE GOLD CONTACT PLATING.
15	28/05/08 - PN - ADD MATT TIN PLATING.
16	13/02/09 - NYW - DRAWING MODIFICATION.
17	28/01/11 - NYW - ADD PLANNER HEIGHT.

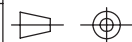
Scale: 4:1

Drawn: CHC

App'd: NYW

Date: 28 JAN '11

THIRD ANGLE



Title: SOCKET

Revision: 1.7

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-KQ

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Drawing Number:

Sheet 1 of 1

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