

BB02-AK - 0.8mm (0.0315") BOARD STACKER FEMALE RIGHT ANGLE SMT TYPE 10 TO 68 CONTACTS

SPECIFICATIONS

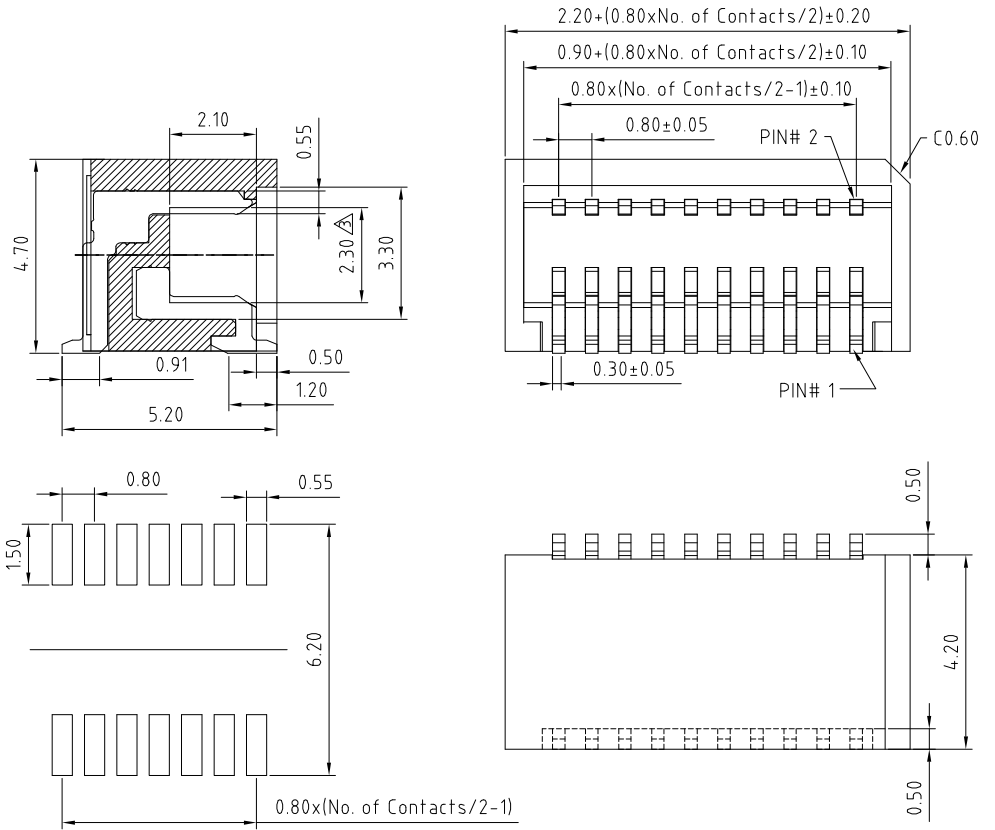
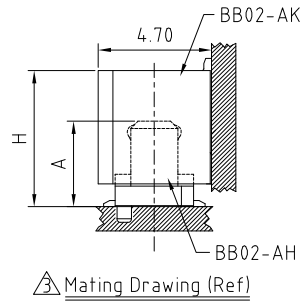
CURRENT RATING 0.5 AMP  
 INSULATOR RESISTANCE 100 MEGOHMS MIN AT 250V DC  
 CONTACT RESISTANCE 40m OHM MAX  $\Delta$   
 DIELECTRIC WITHSTANDING AC 500V(r.ms.) AT 0.5mA FOR 1 MIN.  
 OPERATING TEMPERATURE -40°C TO +105°C  
 CONTACT MATERIAL PHOSPHOR BRONZE  
 INSULATOR MATERIAL THERMOPLASTIC UL94V-0  
 STANDARD: NYLON 46  
 MAX. PROCESSING TEMP 260°C FOR 5-10 SEC  $\Delta$   
 PLATING GOLD FLASH ALL OVER 30-50U" NICKEL  
 MATING CYCLE: 500 TIMES MIN.  $\Delta$

MATING PARTS AND MATING HEIGHT: -

P/N (PLUG)	P/N (SOCKET)	PLUG HEIGHT A	MATING HEIGHT H
AHXX1-KAX	AKXX2-K0X	3.55MM	5.65MM
AHXX1-KBX	AKXX2-K0X	4.05MM	6.15MM

NOTES:

- $\Delta$ 1. MOQ: TUBE - 5,000PCS, REEL - FULL REEL QTY > 5,000PCS.
- $\Delta$ 2. OTHER EVEN NUMBER CIRCUIT SIZES ARE POSSIBLE, UPTO A MAXIMUM OF 100 CONTACTS, BUT ARE NOT TOOLED AT THIS TIME. PLEASE CONTACT GRADCONN FOR DETAILS.



RECOMMENDED PC BOARD LAYOUT

HOW TO ORDER



$\Delta$  NO OF CONTACTS  
 10, 14, 16, 20, 24, 28  
 30, 32, 36, 50, 68  
 (SEE NOTES 2)

CONTACT PLATING  
 K = GOLD FLASH  
 (STANDARD)

PACKAGING  
 OPTIONS  
 3 - TUBE  
 6 - T & R  
 STANDARD = 3

REV. DATE & DRN	1.0 01/07/05 - NYW RELEASE
	1.1 31/10/06-NYW
	$\Delta$ AMEND MAX. PROCESSING TEMP 250C TO 260C
	1.2 19/07/08-NYW
	$\Delta$ ADD MATING CYCLE
	1.3 16/07/07-NYW
	$\Delta$ DRAWING MODIFICATION ADD MATING DRAWING.
	1.4 22/04/08-NYW
	$\Delta$ AMEND CONTACT RESISTANCE.
	1.5 19/05/08-NYW
	$\Delta$ ADD NOTES 1
	1.6 07/07/08 - CHC
	$\Delta$ ADD TOLERANCES.
	1.7 19/07/08 - NYW
	$\Delta$ ADD SUGGESTED MATING ANGLES
	1.8 25/09/08 - NYW
	$\Delta$ AMEND NO. OF CONTACTS. ADD NOTES 2.
	1.9 08/10/08 - NYW
	$\Delta$ DRAWING MODIFICATION. ADD PEE CLEARANCE DIAGRAM.
	2.0 19/07/09 - NYW
	$\Delta$ AMEND INSULATOR WIDTH.

Scale 8:1	THIRD ANGLE	General Tolerances $\Delta$ X ±0.20 XX ±0.15	Material SEE NOTE
Drawn CHC			
App'd XXX	Title SOCKET		NOT TO SCALE
Date 19 JUL '09	Revision: 2.0		Unit: mm

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Type BB02-AK
BB02-AK
Drawing Number
Sheet 1 of 1
Drawing $\Delta$ E and OE