BB02-AH	CUSTOMER PRODUCT SPECIFICATION SHEET	RoHS Compliant

BB02-AH - 0.8mm (0.0315") BOARD STACKER MALE 10 TO 100 CONTACTS

SPECIFICATIONS

CURRENT RATING	0.5 AMP
INSULATOR RESISTANCE	100 MEGOHMS MIN AT 250V DC
CONTACT RESISTANCE	40 m OHM MAX △5
DIELECTRIC WITHSTANDING	AC 500V (r.m.s.) AT 0.5mA FOR 1 MINUTE
OPERATING TEMPERATURE	-40°C TO +105°C
CONTACT MATERIAL	PHOSPHOR BRONZE
INSULATOR MATERIAL	HI-TEMP PLASTIC (UL 94V-0) STANDARD: NYLON 46
MAX. PROCESSING TEMP	260°C FOR 5-10 SEC △2
PLATING	GOLD FLASH ALL OVER 30~50U" NICKEL
MATING CYCLES: 500 TIMES MIN. △3	

MATING PARTS AND MATING HEIGHT: -

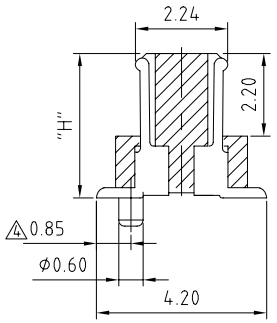
P/N (PLUG)	P/N (SOCKET)	MATING HEIGHT	
AHxx1-KA3	AJxx2-KA3	4.5MM	
AHxx1-KA3	AJxx2-KB3	5.0MM	
AHxx1-KA3	AJxx2-KC3	6.0MM	
AHxx1-KA3	AJxx2-KD3	6.5MM	
AHxx1-KA3	AKxx2, ALxx2	5.65MM	△1
AHxx1-KB3	AJxx2-KB3	5.5MM	
AHxx1-KB3	AJxx2-KD3	7.0MM	
AHxx1-KB3	AKxx2, ALxx2	6.15MM	△1

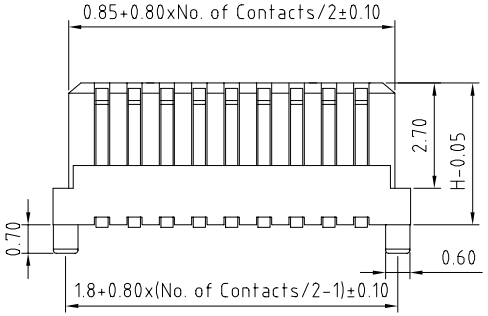
(MATING DRAWING PLEASE REFER TO BB02-AH, BB02-AJ, BB02-AK.)

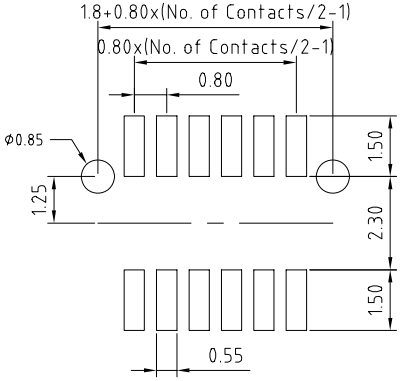
NOTES:

△6 1. MOQ: TUBE - 5,000PCS, REEL - FULL REEL QTY ≥ 5,000PCS.

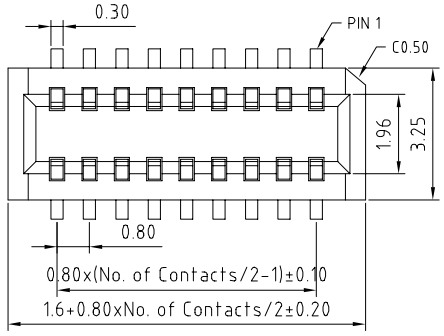
2. OTHER EVEN NUMBER CIRCUIT SIZES ARE POSSIBLE, UPTO A MAXIMUM OF 100 CONTACTS, BUT ARE NOT TOOLED AT THIS TIME. PLEASE CONTACT GRADCONN FOR DETAILS.







RECOMMENDED PC BOARD LAYOUT



HOW TO ORDER

B	B	0	2	-	A	H	X	X	1	-	K	X	X	-	X	0	0	0	0	0

NO OF CONTACTS
10 TO 40 (INCLUSIVE),
50, 60, 68, 70, 80, 90
100 CONTACTS = 00
(SEE NOTES 2)

CONTACT PLATING
K = GOLD FLASH (STANDARD)

"H" HEIGHT OPTION
A = 3.55mm
B = 4.05mm

PACKAGING OPTIONS
3 - TUBE (STANDARD)
△6 6 - REEL
8 - REEL + CAP

△8 WITH OR WITHOUT LOCATING PEG
0 = WITH (STANDARD)
1 = WITHOUT

REV.	DATE & DRN
1.0	20/05/'05 - NYW RELEASE
1.1	01/07/'05 - NYW △ AMEND MATING PARTS.
1.2	31/10/'06 - NYW △ AMEND MAX. PROCESSING TEMP 250C TO 260C.
1.3	22/06/'07 - NYW △ ADD MATING CYCLE.
1.4	27/03/'08 - NYW △ ADD DIMENSION.
1.5	22/04/'08 - NYW △ AMEND CONTACT RESISTANCE.
1.6	19/05/'08 - NYW △ ADD NOTES 1.
1.7	07/07/'08 - CHC △ ADD TOLERANCE.
1.8	24/10/'08 - CHC △ ADD WITHOUT PEG OPTION.
1.9	26/11/'08 - CHC △ ADD PACKAGING OPTION 6.
2.0	15/10/'09 - NYW ADD NOTES 2.

Scale 8:1	THIRD ANGLE	General Tolerances △ .X ±0.20 .XX ±0.15	Material SEE NOTE
Drawn CHC			
App'd XXX	Title PLUG		NOT TO SCALE
Date 15 OCT '09	Revision: 2.0		Unit: mm

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