

SPECIFICATIONS

CURRENT RATING: 1AMP

INSULATOR RESISTANCE: 500 MEGOHMS MIN.

DIELECTRIC WITHSTANDING: AC 600 V

CONTACT RESISTANCE: 20m OHMS MAX.

OPERATING TEMPERATURE: -40°C TO +105°C

CONTACT MATERIAL: BRASS

INSULATOR MATERIAL: THERMOPLASTIC, UL 94V-0

STANDARD: NYLON 6T

PLATING: GOLD OR TIN OVER 30-50U" NICKEL  $\Delta$

SOLDERABILITY - IR REFLOW: 260°C FOR 10 SEC

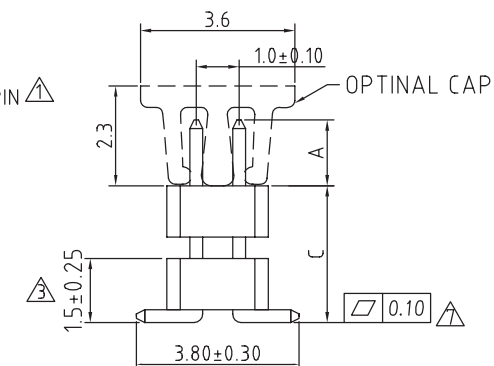
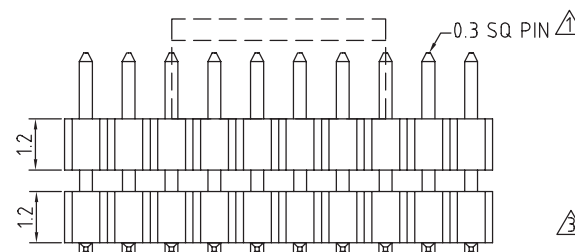
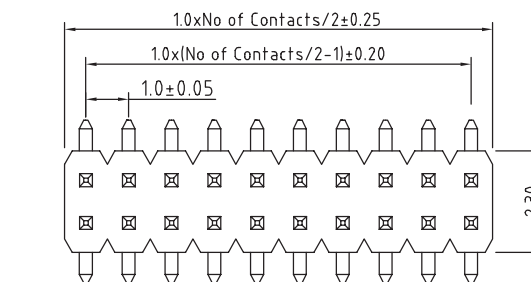
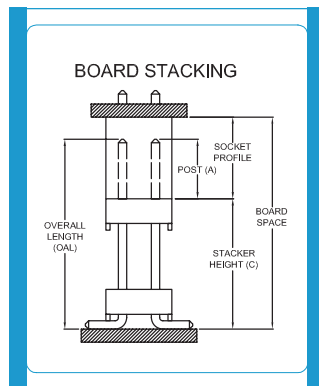
MANUAL SOLDER: 350°C FOR 3-5 SEC

MATES WITH: - BB02-WA

NOTES:

1. MAX. CONNECTOR OVERALL HEIGHT ALLOWED FOR TAPE AND REEL PACKAGING: 25MM.

2. MAX. OAL (OVERALL PIN LENGTH A+C) = 22mm.



HOW TO ORDER

BB02 - YHXX1 - XBX - XXXX00

NO. OF CONTACTS  
04 to 80

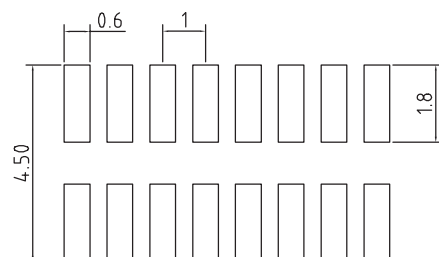
CONTACT PLATING OPTIONS  
K = GOLD FLASH (STANDARD)  
P = 10U" GOLD OVERALL  
Q = 15U" GOLD OVERALL  
R = 30U" GOLD OVERALL  
T = BRIGHT TIN  
M = MATT TIN

PACKAGING OPTIONS  
3 - TUBE  
5 - TUBE & CAP  
6 - TAPE & REEL (see note 1)  
8 - TAPE & REEL & CAP (see note 1)

PIN LENGTH A (1/10mm)  
SPECIFY PIN LENGTH  
STANDARD = 20 = 2.0mm  
MINIMUM = 10 = 1.0mm  
MAXIMUM = 150 = 15.0mm  
TOL.: ±0.25mm

PIN LENGTH C (1/10mm)  
SPECIFY PIN LENGTH  
IE 25 = 2.5mm  
MINIMUM = 27 = 2.7mm  
MAXIMUM = SEE NOTES 2.  
TOL.: ±0.25mm

LONGER PIN LENGTH REQUIRED?  
If pin length required is longer than 9.9mm (99), then use a '/' to separate the numbers.  
Example: A=6.0mm, C=12.5mm, mark as 60 / 125 / 00.



RECOMMENDED PCB SMT LAYOUT

REV.	DATE & DRN	Scale:	8:1	THIRD ANGLE	Unstated Tolerances:	Material	SEE NOTE	Type	BB02-YH
10	30/06/05-NYW	Drawn:	CHC		X. ± 0.30	SEE NOTE			BB02-YH
11	14/09/05-NYW	App'd:	XXX	Title:	X ± 0.25	NOT TO SCALE			
12	31/07/06-NYW	Date:	24 DEC '08	Revision:	XX ± 0.15	Unit:	mm	Sheet	1 of 1
13	16/05/07-NYW				XXX ± 0.10			Drawing	E and O E
14	06/06/08 - CHC								
15	17/07/08 - NYW								
16	23/07/08 - NYW								
17	09/12/08 - CHC								
18	10/12/08 - CHC								
19	24/12/08 - NYW								