

REVISION DATA				
S/M	ECN	DESCRIPTION	DATE	APPROVED
△		???.43???.6.0	11/05-07	LUJUE
△		???.0???.75	11/07-07	LUJUE

## Technical Data

### Material:

Pin(outer sleeve): Brass,machined CuZn38Pb2  
 Clip(contact 4 finger): Beryllium Copper,heat treated

### Plating(outer sleeve):

Tin plated:2μm/80μ"Ni, 5μm/200μ"Sn  
 Gold plated:2μm/80μ"Ni,Full gold  
 Plating(contact): 2μm/80μ"Ni, gold or Tin plated  
 Insulator(black): Glass filled thermoplastic polyester

UL94V-0

### Electrical:

Current rating: 3Amps/contact max.  
 Contact resistance: ≤4mΩ/contact  
 Insulation resistance: ≥1000MΩ at V=100V  
 Operating voltage: 60VAC/DC

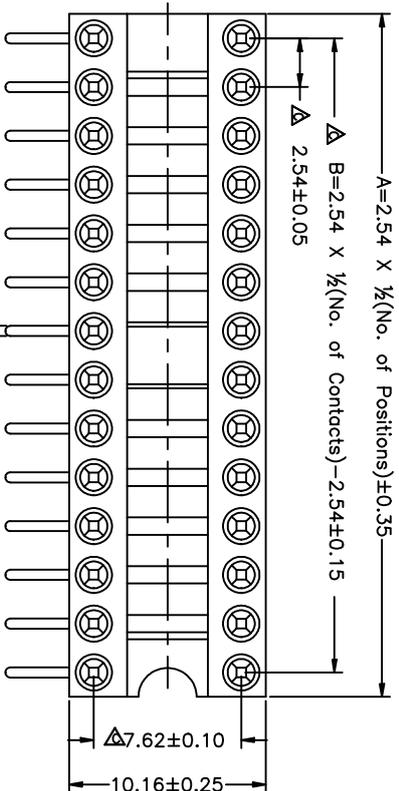
### Mechanical:

Average insertion force with steel pin of  
 ø0.43mm/0.17": <250g  
 Average withdrawal force with steel pin of  
 ø0.43mm/0.17": >50g min.  
 Mechanical life cycle:min.200  
 Operating temperatures: Gold plated: -55°C  
 to+105°C

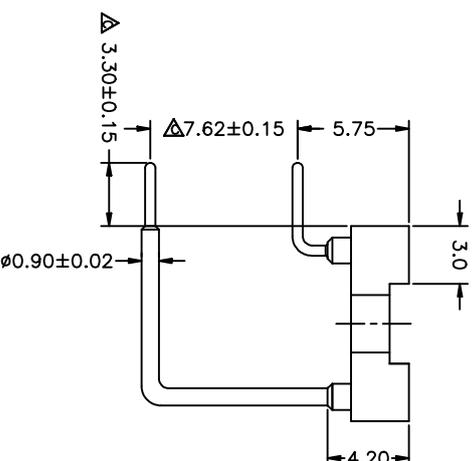
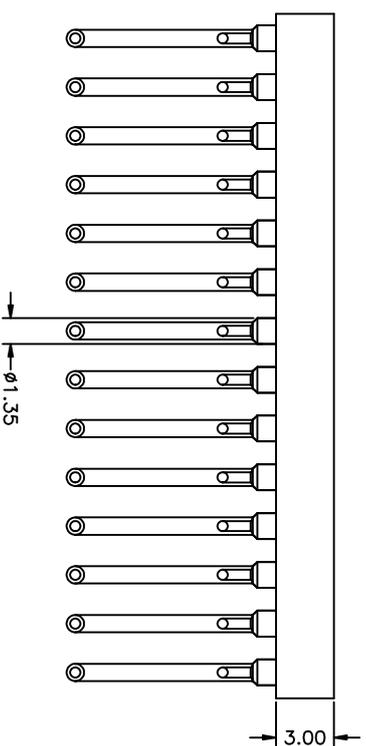
Tin

plated: -40°C to+105°C  
 Critical dimensions:  
 L1=9.70  
 L2=24.94

△



No. of Positions	DIM"A"	DIM"B"
6	7.62	5.08
8	10.16	7.62
14	17.78	15.24
16	20.32	17.78
18	22.86	20.32
20	25.40	22.86
24	30.48	27.94
28	35.56	33.02



## SHB - NNN X - B P P 0970A

No. of Positions	Row spacing code	Pin Plating code	Clip Plating code
3	7.62mm	1 Tin150μ"	1 Tin150μ"
4	10.16mm	2 Tin200μ"	2 Tin200μ"
6	15.24mm	3 GF	3 GF
		4 Gold2μ"	4 Gold2μ"
		5 Gold3μ"	5 Gold3μ"
		6 Gold10μ"	6 Gold10μ"
		7 Gold15μ"	7 Gold15μ"
		S Special	S Special

natconn		东莞市约特康电子有限公司	
DONGGUAN NATCONN ELECTRONIC CO.,LTD			
TOLERANCE:	PROJECTION	TITLE:	
ANGLE ±5°	DATE	2.54mmPitch IC Sockets DIP	
X.XXX ±0.05	DRAWN	DIP Spacing 7.62mm	
X.XX ±0.15		PART NO: SHB-NNN3-BPP0970A	
X.X ±0.20	CHECKED	DRAWING NO: SHB-NNN3-BPP0970A	
X. ±0.35	APPROVED	REV: D	UNIT: mm
		SCALE: 3:1	SIZE: A4