

REVISION DATA				
SYM	ECN	DESCRIPTION	DATE	APPROVED

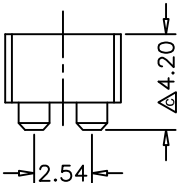
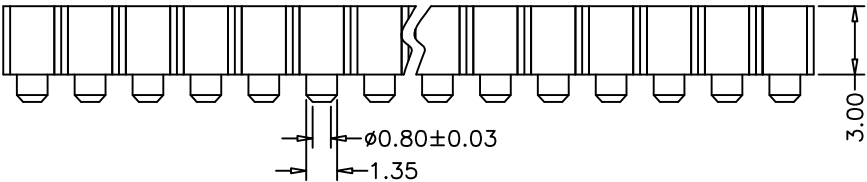
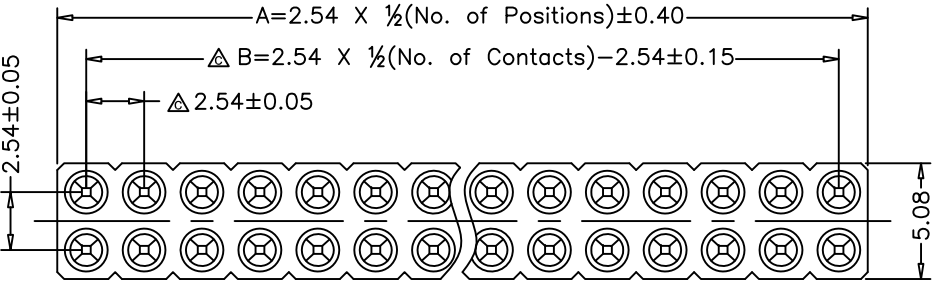
Technical Data

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
Operaing 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
Operaing temperatures: Gold plated:-55°C to+105°C
Tin plated:-40°C to+105°C

Critical dimensions: Δ



Ordering information

SHD - NNN 2 - B P P 0420A

No. of Positions	Row spacing code	Pin Plating code	Clip Plating code
	1 Single row 2 Double row	1 Tin150μ" 2 Tin200μ" 3 GF 4 Gold2μ" 5 Gold3μ" 6 Gold10μ" 7 Gold15μ" S Special	1 Tin150μ" 2 Tin200μ" 3 GF 4 Gold2μ" 5 Gold3μ" 6 Gold10μ" 7 Gold15μ" S Special

natconn® 深圳市纳特康电子有限公司 SHENZHEN NATCONN ELECTRONIC CO.,LTD				
TOLERANCE:	PROJECTON		TITLE:	
ANGLE ±5°	DATE	12-27-08'	2.54mmPitch SIP Sockets SMD Pin Length 4.20mm	
X.XXX ±0.05	DRAWN	SONG	PART NO: SHD-NNN2-BPP0420A	
X.XX ±0.15	CHECKED		DRAWING NO: NP-SHD-NNN2-B0420A	
X.X ±0.20	APPROVED		REV:	UNIT:
X. ±0.35			A	mm
			SCALE:	SIZE:
			3:1	A4