



TECHNICAL SPECS:

Current Rating: 3.0AMP
 Contact Resistance: 10m Ω Max
 Dielectric Strength: Min 1000Vrms
 Mechanical Life: Min 500 cycles
 Mating Pin: $\phi 0.40$ to $\phi 0.56$ mm
 Forces: (polished steel gauge $\phi 0.47$ mm)
 Insertion: 200g Max/Pin, Withdrawal: 60g Min/Pin
 Operation Temperature: -40°C to +105°C

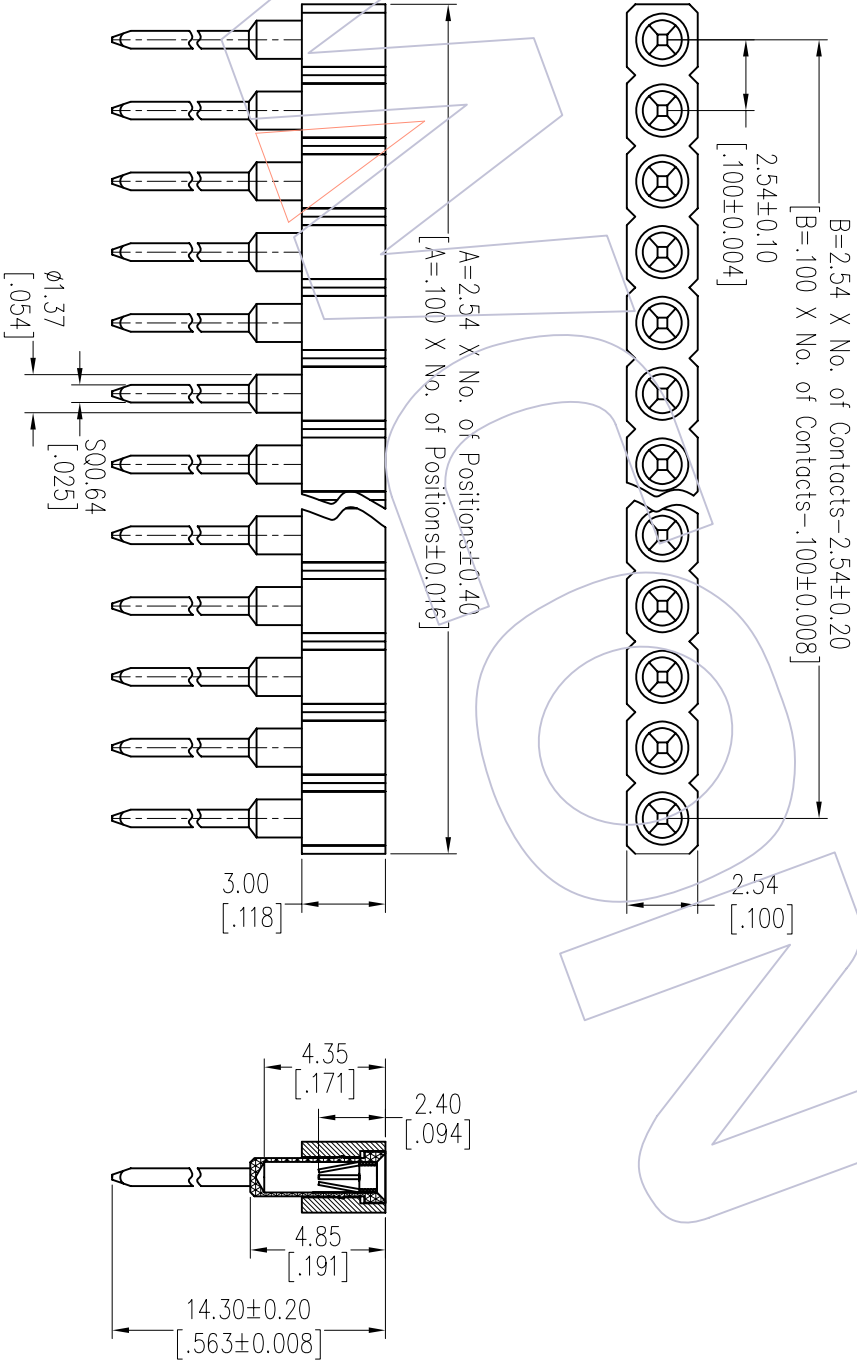
Sleeve: Brass CuZn36Pb3(C36000)
 Contact Clip(4 finger): BeCu(C17200)
 Insulator Material: PPS+30%G.(UL94V-0)

Ordering Information

3520-301 XX S XX 143 X 1

No. of Pin 2-50PIN
 Contact Plating S0=Gold Flash/Tin S3=10u"Gold/Tin S4=1.5u"Gold/Tin S5=30u"Gold/Tin SN=Tin
 Packing A=Tray T=Tube

| | | |
|-----------|-------|--------|
| Item | Pitch | Mating |
| Standard | 2.54 | 3510 |
| Alternate | | |



Recommended P.C.B Layout(Top Side)
 (PCB BOARD TOLERANCE±0.05)

2.54
 [.100]
 $\phi 1.00$
 [.630]

| | | | | | | | | | | | | |
|-----|------------|--------------------------|--------|-----------|---------|------------|-------|-----|--------------------|--|---|--|
| REV | DATE | MODIFICATION DESCRIPTION | CHANGE | OPERATION | DRAW | DATE | SCALE | FIT | PART NO. | TITLE: 2.54 MACHINED FEMALE HEADER SINGLE ROW 180° H=3.00 L=4.3 SQUARE PIN | WCON-Dongguan Tel: +86 769 85358920 Fax: +86 769 85358915 E-mail: sales@wcon.com | WCON-Kunshan Tel: +86 512 57468408 Fax: +86 512 57468468 E-mail: sales@wcon.com |
| A0 | 2012/10/18 | NEW | | XX | JYHuang | 2012/10/18 | mm | A4 | 3520-301XXSXX143X1 | | | |
| REV | DATE | MODIFICATION DESCRIPTION | CHANGE | OPERATION | DRAW | DATE | SCALE | FIT | PART NO. | Http: www.wcon.com | | |
| | | | | XX | | | | | | WCON | | |
| | | | | X.XX | CHECK | DATE | SIZE | A4 | | | | |
| | | | | X.XXX | ±0.15 | | SHEET | 1/1 | | | | |
| | | | | Angle | ± 3' | DATE | PROJ. | | | | | |
| | | | | DIM | TOL | APPROVE | | | Customer NO. | | | |