



TECHNICAL SPECS:

Current Rating: 3.0AMP
 Contact Resistance: 10m Ω Max
 Dielectric Strength: Min 1000VRMS
 Mechanical Life: Min 500 cycles
 Mating Pin: $\varnothing 0.40$ to $\varnothing 0.66$ mm or 0.50SQ
 Forces: (polished steel gauge $\varnothing 0.47$ mm)
 Insertion: 200g Max/Pin, Withdrawal: 60g Min/Pin
 Operation Temperature: -40°C to $+105^{\circ}\text{C}$

Sleeve: Brass CuZn36Pb3(C36000), Sn over Ni
 Contact Clip(4 finger): BeCu(C17200), Au or Sn over Ni
 Insulator Material: PPS+30%GF(UL94V-0)

Ordering Information

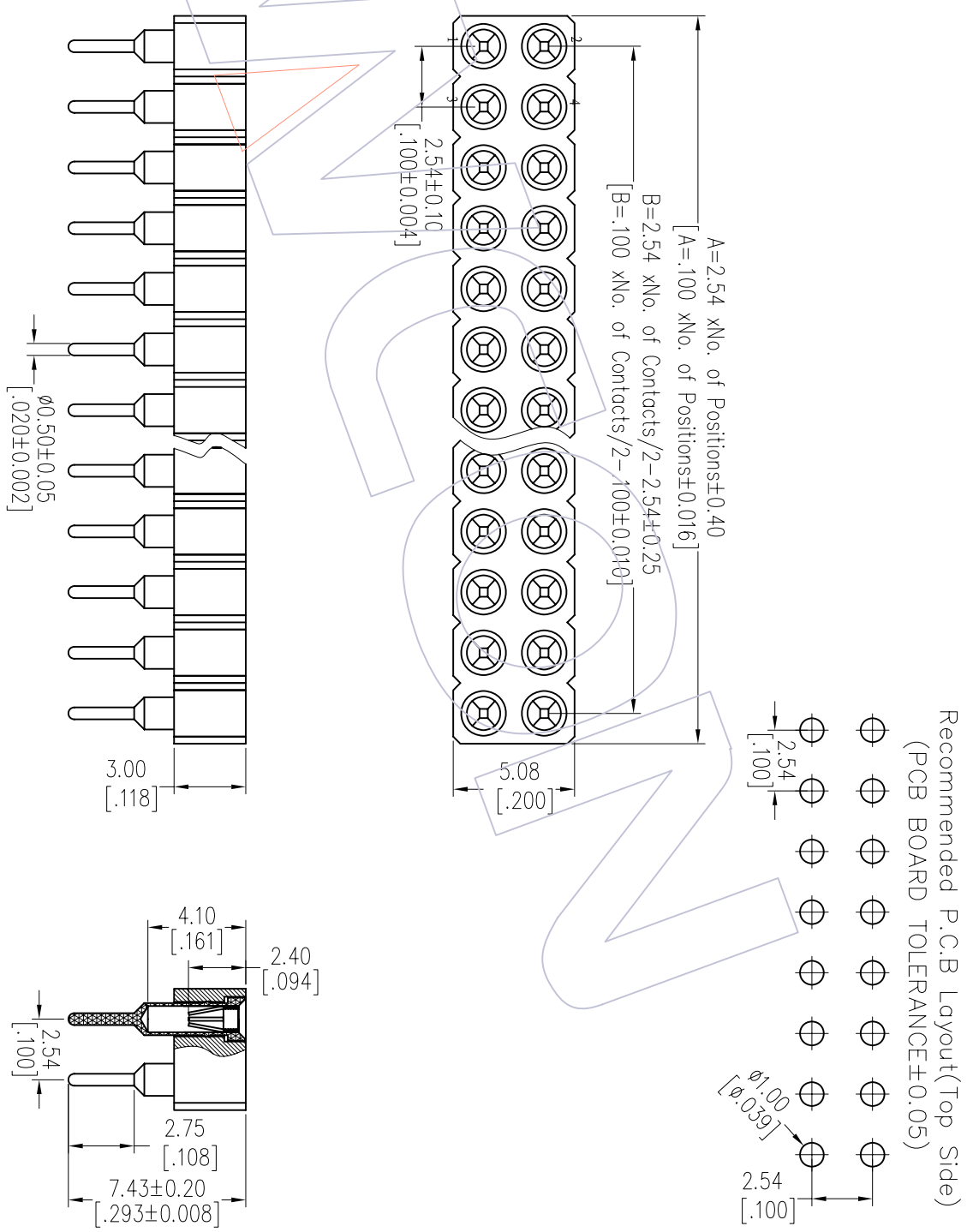
3520-302 XX S XX 074 X 1

No. of Pin
2-50PIN

Contact Plating
S0=Gold Flash/Tin
S3=10u"Gold/Tin
S4=15u"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)

OPERATION		DRAW		DATE		SCALE		FIT		PART NO.	
XX	±0.40	JYHuang		2012/10/18		mm				3520-302XXSX074X1	
XX	±0.25	CHECK		DATE		A4				TITLE: 2.54mm MACHINED FEMALE HEADER DUAL ROW 180° H=3.00 L=7.43	
X	±0.15	Angle	± 3°	APPROVE	DATE	SHEET	1/1	PROJ.		Customer NO.	
REV	DATE	MODIFICATION DESCRIPTION			CHANGE	DIW	TOL				
A0	2012/10/18	NEW									
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