

# HSF

## TECHNICAL SPECS:

Current Rating: 3.0AMP  
 Contact Resistance: 10mΩ Max  
 Dielectric Strength: Min 1000V<sub>RMS</sub>  
 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.F(UL94V-0)

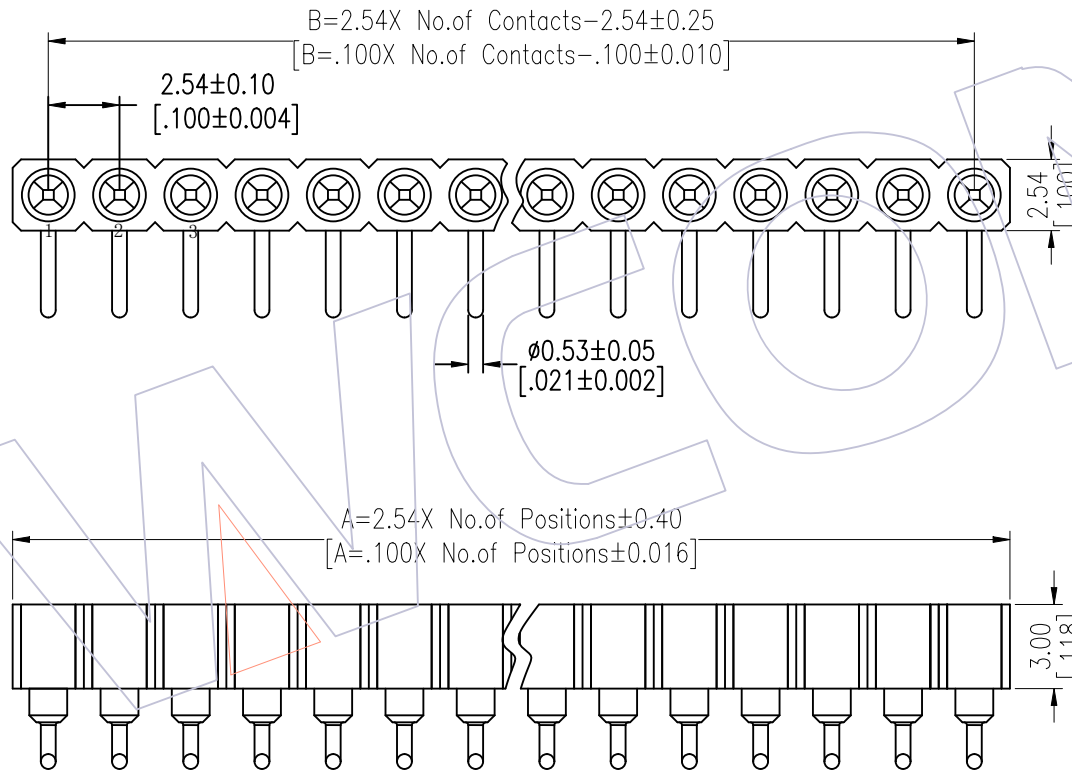
## Ordering Information

3520-301 XX R XX 097 X 1

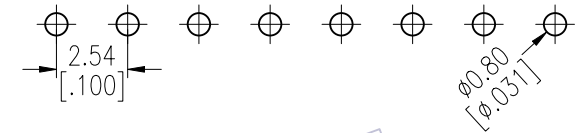
No. of Pin  
2-50PIN

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



Recommended P.C.B Layout(Top Side)  
 (PCB BOARD TOLERANCE  $\pm 0.05$ )



Item	Pitch	Mating
Standard	2.54	3510
Alternate		

REV	DATE	MODIFICATION DESCRIPTION	CHANGE	OPERATION	DRAW	DATE	SCALE	FIT	PART NO.
A0	2012/10/18	NEW	-----	x.xx ±0.40	JYHuang	2012/10/18	UNIT mm		3520-301XXRXX097X1
				x.xx ±0.25	CHECK	DATE	SIZE A4		TITLE:
				x.xxx ±0.15	APPROVE	DATE	SHEET 1/1		2.54mm MACHINED FEMALE HEADER SINGLE ROW 90° H=3.00 L=9.7
				Angle ± 3°			PROJ.		Customer NO.
				DIM TOL					

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