

# HSF

**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:  $-40^{\circ}\text{C}$  to  $+105^{\circ}\text{C}$

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

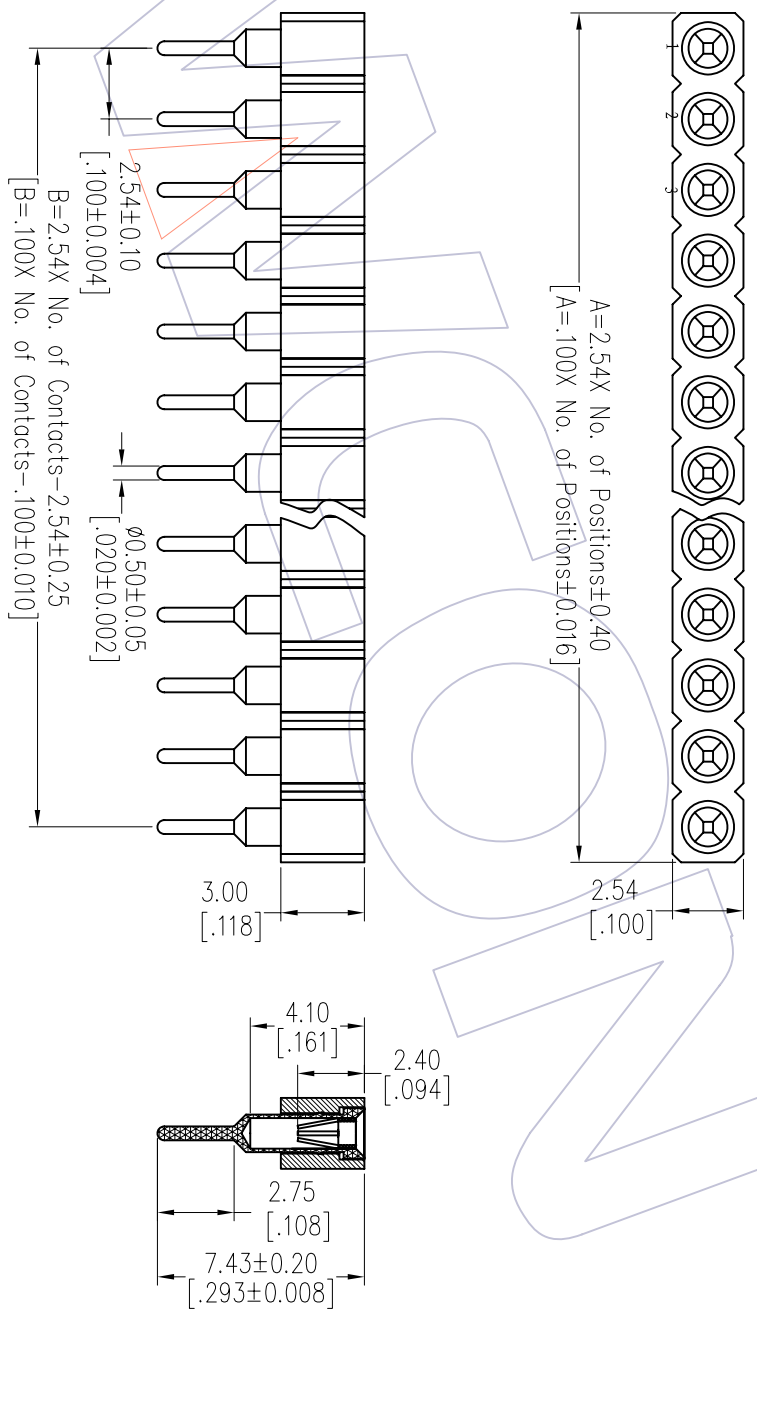
## Ordering Information

3520-301 **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

Packaging  
 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		

OPERATION	DRAW	DATE	SCALE	FIT	PART NO.
XX	JYHuang	2012/10/18	mm		3520-301XXSX074X1
X.XX	CHECK	DATE	SIZE	A4	TITLE:
X.XXX			±0.15	1/1	2.54mm MACHINED FEMALE HEADER SINGLE ROW 180° H=3.00 L=7.43
Angle	APPROVE	DATE	SHEET	PROJ.	Customer NO.
± 3°					
CHANG	DATE				
DIW					
TOL					
MODIFICATION DESCRIPTION					
REV	DATE				
A0	2012/10/18	NEW			

# WCON

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