

# HSF

## TECHNICAL SPECS:

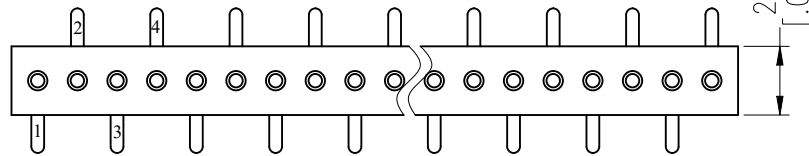
Current Rating: 1.0AMP  
 Contact Resistance: 10mΩ Max  
 Dielectric Strength: Min 1000VRMS  
 Mechanical Life: Min 500 cycles  
 Operation Temperature: -40°C to +105°C

Sleeve: Brass CuZn36Pb3(C36000)  
 Contact plating: Au over Ni  
 Connecting Pin: φ0.41mm  
 Insulator Material: PPS+30%G.F(UL94V-0)

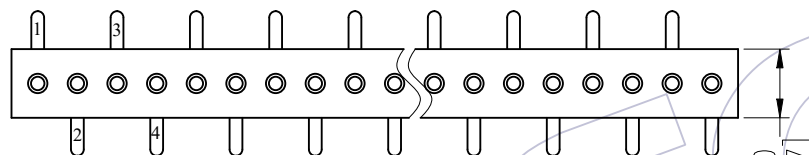
## Ordering Information

3514-221 XX M XX 081 X X

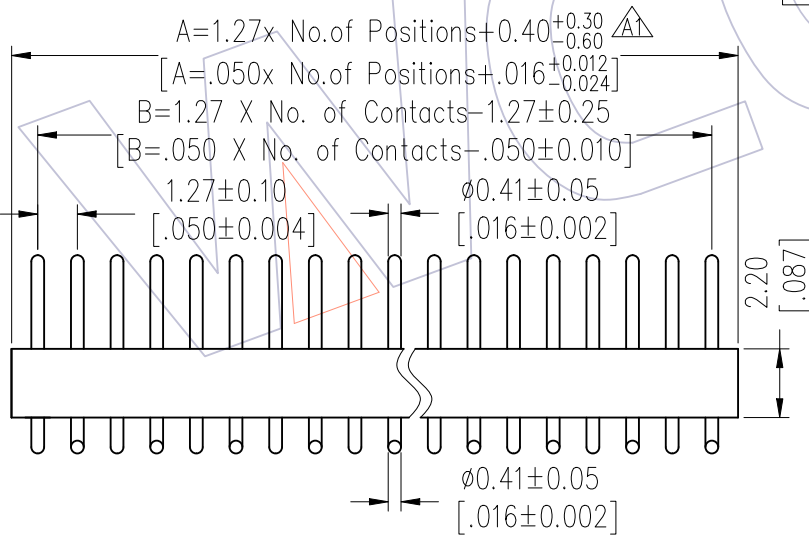
No. of Pin	Contact Plating	Packing	Series No.
2~50PIN	G0=Gold Flash	T=Tube	1=Type 1
	G3=10u"Gold	A=Tray	2=Type 2
	G4=15u"Gold	R=Tape&Reel	
	G5=30u"Gold		



TYPE 1

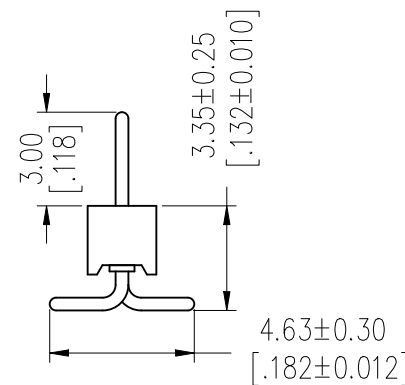
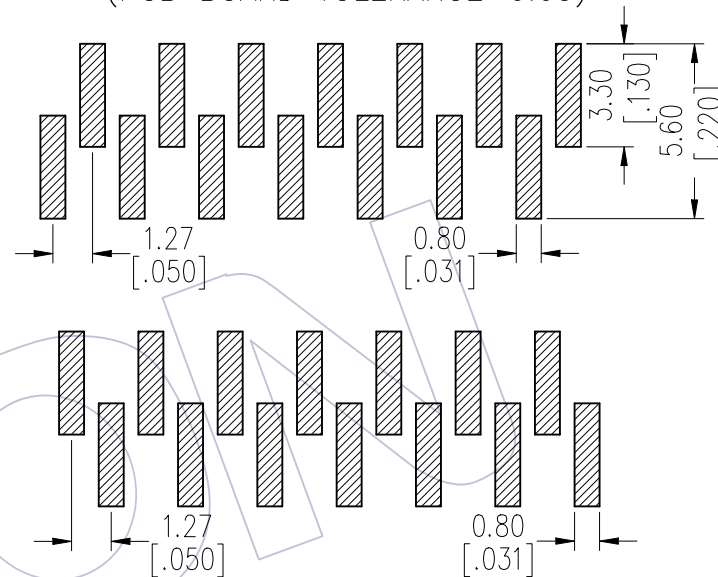


TYPE 2



## Recommended P.C.B Layout (Top Side)

(PCB BOARD TOLERANCE ±0.05)



Item	Pitch	Mating
Standard	1.27	3524
Alternate		

REV	DATE	MODIFICATION DESCRIPTION	CHANGE	OPERATION	DRAW	DATE	SCALE	FIT	PART NO.
				x.x ±0.40	wang	2013/05/21	UNIT	mm	3514-221XXMX081XX
A1	2013/05/21	modify drawing	-----	x.xx ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2012/10/22	NEW	-----	x.xxx ±0.15			SHEET	1/1	1.27mm MACHINED PIN HEADER
				Angle ± 3°	APPROVE	DATE	PROJ.		SINGLE ROW 180° SMT H=2.20 L=8.
				DIM TOL					Customer NO.

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