

# HSF

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

**TECHNICAL SPECS:**

Current Rating: 1.0AMP  
 Contact Resistance: 10mΩ Max  
 Dielectric Strength: Min 1000Vrms  
 Mechanical Life: Min 500 cycles  
 Mating Pin: φ0.38 to φ0.50mm  
 Forces: (polished steel gauge φ0.41mm)  
 Insertion: 150g Max/Pin, Withdrawal: 30g Min/Pin  
 Operation Temperature: -40°C to +105°C

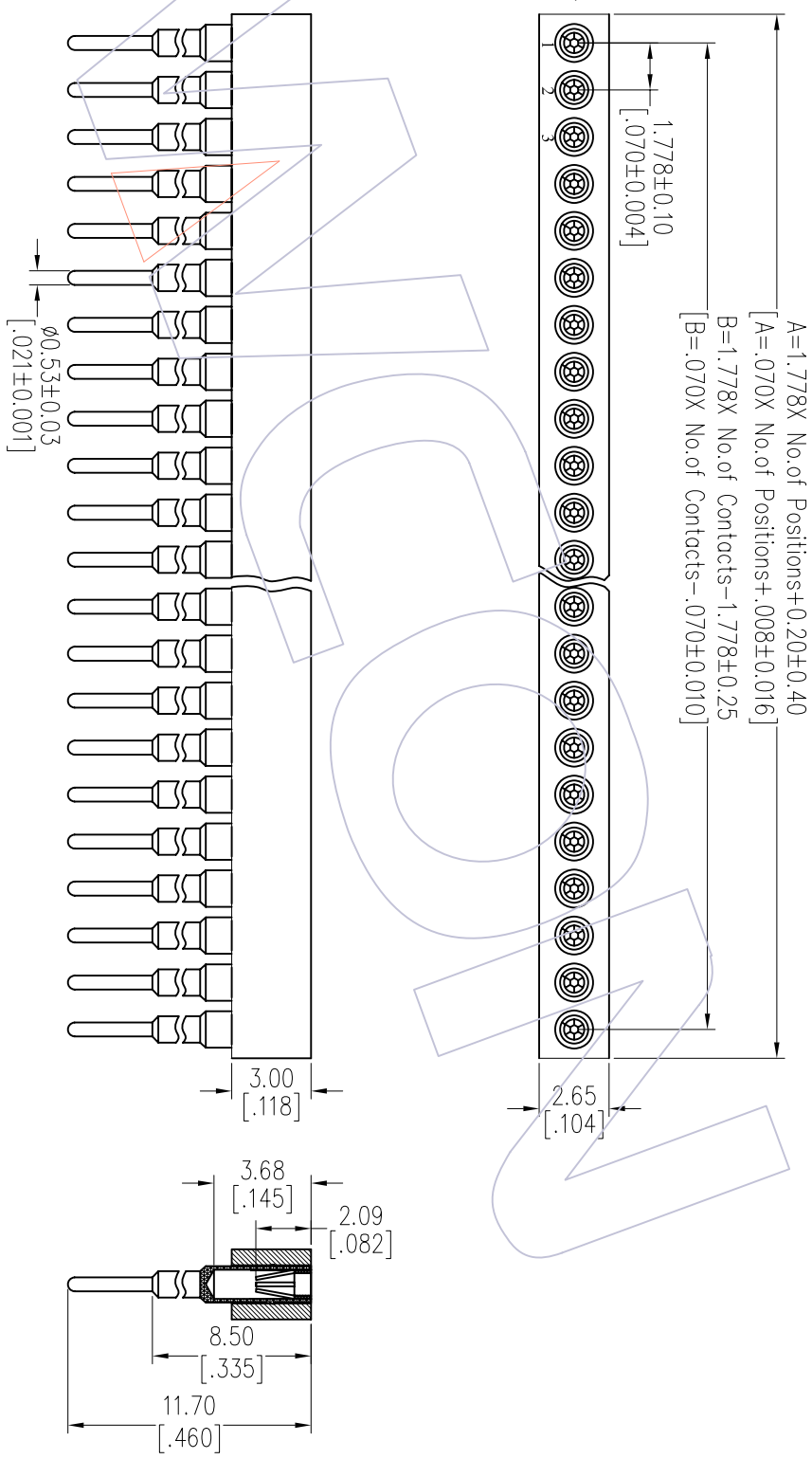
Sleeve: Brass CuZn36Pb3(C36000), Sn over Ni  
 Contact Clip(6 finger): BeCu(C17200), Au or Sn over Ni  
 Insulator Material: PPS+30%G.F(UL94V-0)

## Ordering Information

3523-301 XX S XX 117 X 1

No. of Pin 2-50PIN  
 Contact Plating S0=Gold Flash/Tin  
 S3=10u"Cold/Tin  
 S4=15u"Cold/Tin  
 S5=30u"Cold/Tin  
 SN=Tin  
 Packing A=Tray  
 T=Tube

Item	Pitch	Mating
Standard	1.778	3513
Alternate		



OPERATION		DRAW		DATE		SCALE		FIT		PART NO.	
XX	±0.40	JYHuang	CHECK	2012/10/17	mm	3523-301XXSXX117X1	TITLE: 1.778mm MACHINED FEMALE HEADER SINGLE ROW 180° H=3.0 L=11.70				
XX	±0.25				A4		Customer NO.				
X	±0.15				1/1		WCON-Dongguan Tel: +86 769 85358920 Fax: +86 769 85358915 E-mail: sales@wcon.com				
Angle	± 3'		APPROVE	DATE	PROJ.		WCON-Kunshan Tel: +86 512 57468408 Fax: +86 512 57468468 E-mail: sales@wcon.com				
CHANG	DIM	TOL					Http: www.wcon.com				
REV	DATE	MODIFICATION DESCRIPTION									
A0	2012/10/17	NEW									

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