

# HSF

**TECHNICAL SPECS:**

Current Rating: 3.0AMP  
 Contact Resistance: 10m Ω Max  
 Dielectric Strength: Min 1000Vrms  
 Mechanical Life: Min 500 cycles  
 Mating Pin:  $\phi 0.7$  to  $\phi 0.9$ mm or 0.635SQ  
 Forces: (polished steel gauge  $\phi 0.76$ mm)  
 Insertion: 150g Max/Pin, Withdrawal: 30g Min/Pin  
 Operation Temperature:  $-40^{\circ}\text{C}$  to  $+105^{\circ}\text{C}$

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

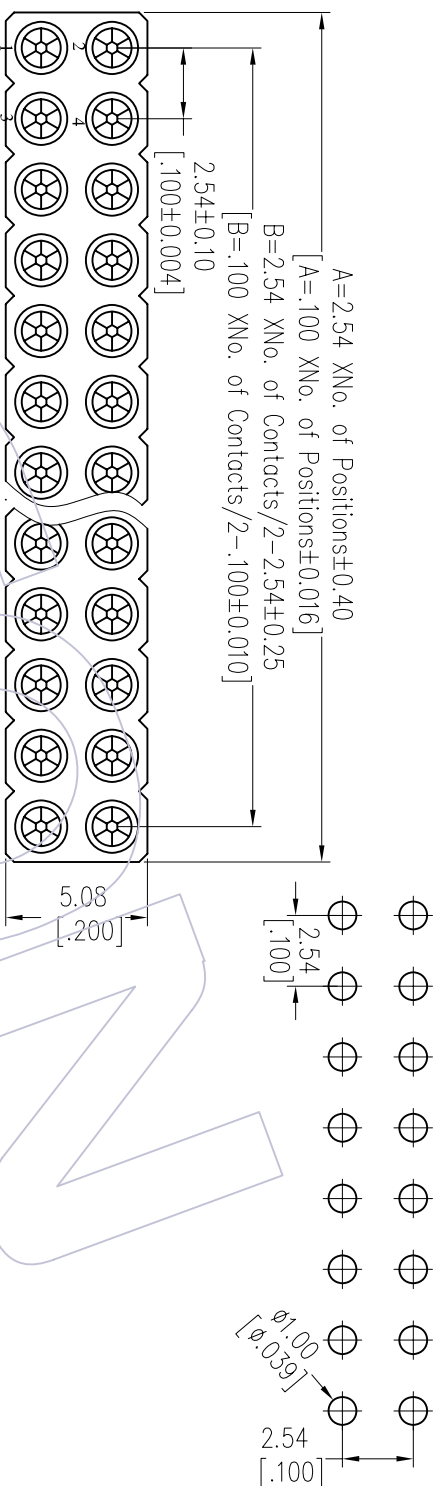
## Ordering Information

**3521-852 XX S XX 115 X 1**

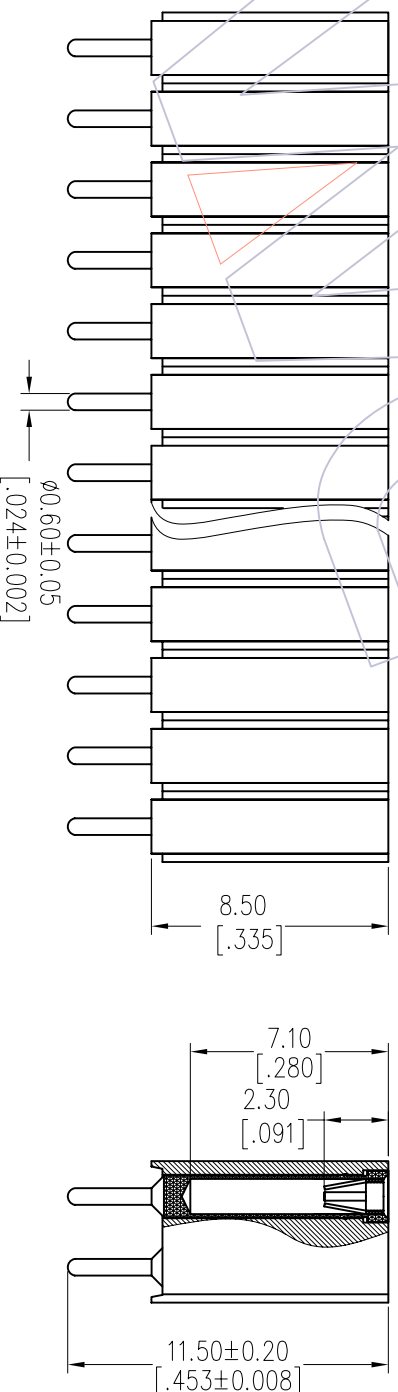
No. of Pin: 2~50PIN  
 Contact Plating:  
 S0=Gold Flash/Tin  
 S3=10u"Gold/Tin  
 S4=15u"Gold/Tin  
 S5=30u"Gold/Tin  
 SN=Tin

Packing:  
 A=Tray  
 T=Tube

Item	Pitch	Mating
Standard	2.54	3511
Alternate		



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



OPERATION	DRAW	DATE	SCALE	FIT	PART NO.	TITLE: 2.54mm MACHINED FEMALE HEADER DUAL ROW 180° IH=8.50 L=11.5 Customer NO.			
XX	JYHuang	2012/10/18	UNIT	mm	3521-852XXSX115X1				
X.XX	CHECK	DATE	SIZE	A4		WCON-Dongguan Http: www.wcon.com WCON-Kunshan			
X.XXX	Angle	± 3'	SHEET	1/1					
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	DWG	TOL	APPROVE	DATE	PROJ.	PROJ.
A0	2012/10/18	NEW							

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