

# HSF

## TECHNICAL SPECS:

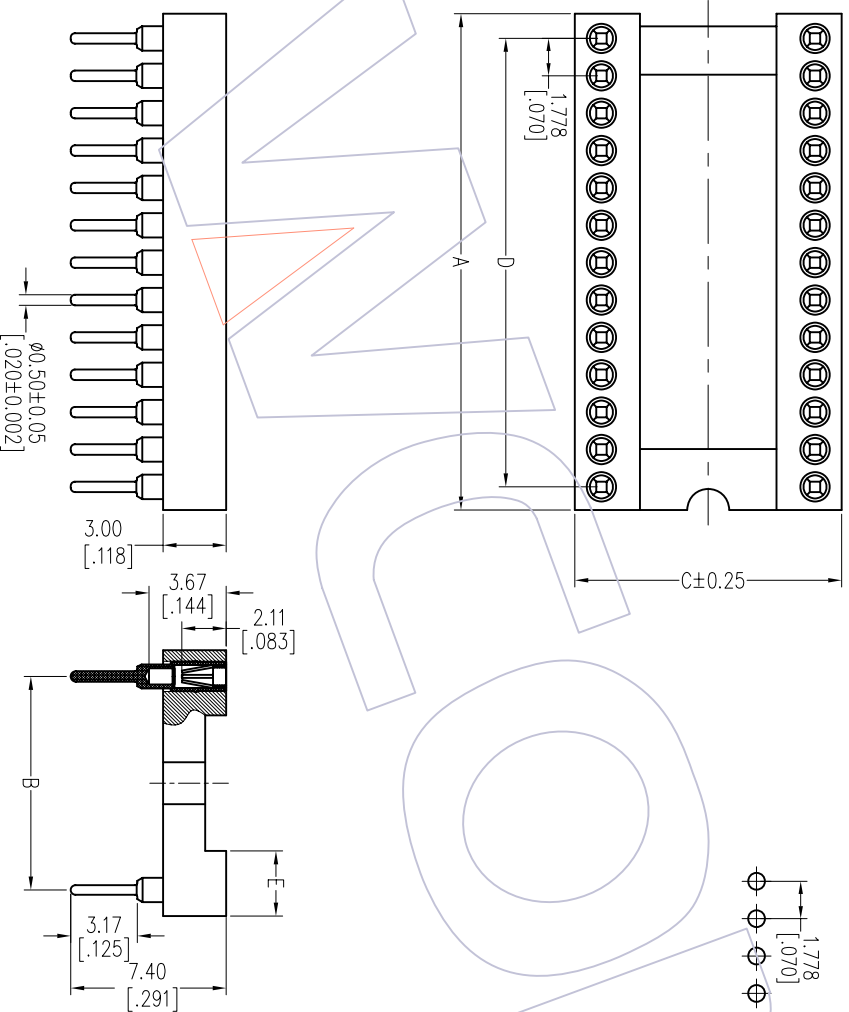
Current Rating: 1.0AMP  
 Contact Resistance: 10m Ω Max  
 Dielectric Strength: Min 1000Vrms  
 Mechanical Life: Min 100 cycles  
 Mating Pin:  $\phi 0.40$  to  $\phi 0.56$ mm  
 Forces: (polished steel gauge  $\phi 0.43$ mm)  
 Insertion: 200g Max/Pin, Withdrawal: 60g Min/Pin  
 Operation Temperature:  $-40^{\circ}\text{C}$  to  $+105^{\circ}\text{C}$

Sleeve: Brass CuZn36Pb3(C36000), Sn over Ni  
 Contact Clpl: 4 finger: BeCu(C17200), Au or Sn over Ni  
 Insulator Material: PPS+30%G.F.(UL94V-0)

## Ordering Information

7120-30X XX S XX 074 X 1

Row of Pitch No. of Pin Contact Plating Packaging  
 2=15.24mm See tab S0=Gold Flash/Tin T=Tube  
 3=10.16mm S3=10u" Gold/Tin  
 4=19.05mm S4=15u" Gold/Tin  
 S5=30u" Gold/Tin  
 SN=Tin



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

## Dimensional & Ordering Information

NO. of Poles	Part No.	Dimension				
		A	B	C	D	E
24	7120-30224SXX074X1	21.80	10.16	12.70	19.558	3.1
28	7120-30328SXX074X1	25.20	10.16	12.70	23.114	3.1
30	7120-30330SXX074X1	27.00	10.16	12.70	24.892	3.1
32	7120-30332SXX074X1	28.80	10.16	12.70	26.670	3.1
48	7120-30348SXX074X1	43.10	10.16	12.70	40.894	3.1
20	7120-30220SXX074X1	18.10	15.24	17.78	16.002	3.1
24	7120-30224SXX074X1	21.70	15.24	17.78	19.558	3.1
28	7120-30228SXX074X1	25.20	15.24	17.78	23.114	3.1
40	7120-30240SXX074X1	35.80	15.24	17.78	33.782	3.1
42	7120-30242SXX074X1	37.70	15.24	17.78	35.560	3.1
48	7120-30248SXX074X1	43.10	15.24	17.78	40.894	3.1
52	7120-30252SXX074X1	46.70	15.24	17.78	44.450	3.1
56	7120-30256SXX074X1	50.20	15.24	17.78	48.006	3.1
64	7120-30264SXX074X1	57.30	15.24	17.78	55.118	3.1
68	7120-30268SXX074X1	60.90	15.24	17.78	58.674	3.1
64	7120-30464SXX074X1	57.30	19.05	21.54	55.118	3.8

REV	DATE	MODIFICATION DESCRIPTION	CHANGE DIM	OPERATION	DRAW	DATE	SCALE	FIT	PART NO.
A0	2012/11/02	NEW	Angle	X.XXX	JYHuong	2012/11/02	mm	A4	SBB TAB
			± 3'	±0.15	CHECK	DATE	UNIT	mm	
			TOL	±0.25	APPROVE	DATE	SHEET	1/1	TITLE:
							PROJ.		1.778mm IC SOCKET 180° H=3.0 L=7.4
									Customer NO.

# WCON

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