

# HSF

**TECHNICAL SPECS:**

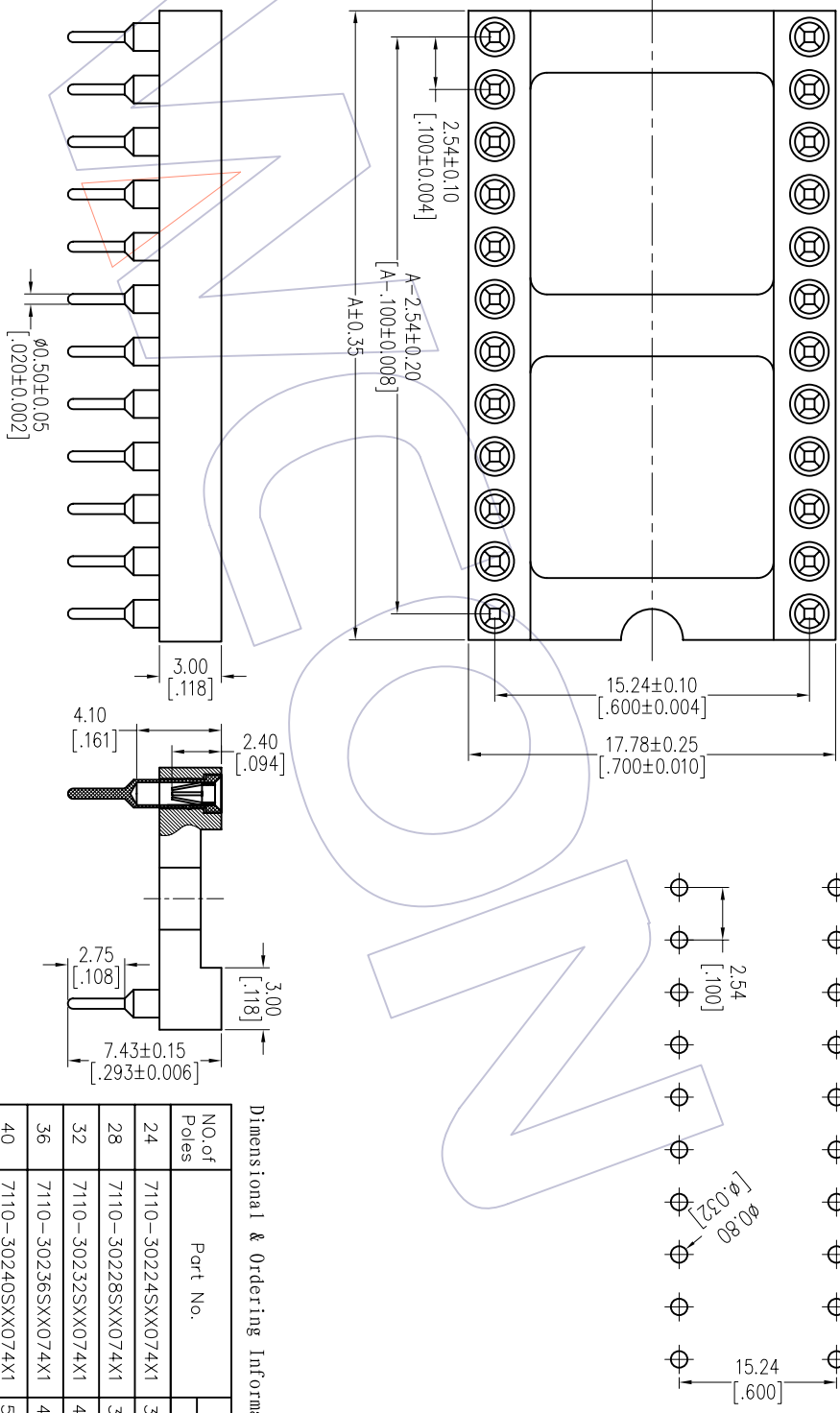
Current Rating: 1.0AMP  
 Contact Resistance: 10m Ω Max  
 Dielectric Strength: Min 1000Vrms  
 Mechanical Life: Min 100 cycles  
 Mating Pin:  $\phi 0.40$  to  $\phi 0.56$ mm  
 Forces: (polished steel gauge  $\phi 0.43$ mm)  
 Insertion: 200g Max/Pin, Withdrawal: 60g Min/Pin  
 Operation Temperature: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

Sleeve: Brass CuZn36Pb3(C36000), Sn over Ni  
 Contact Clip(4 finger): BeCu(C17200), Au or Sn over Ni  
 Insulator Material: PPS+30%G.F(U94V-0)  
 24P~32P Insulators with center one bar  
 36P~48P Insulators with center two bar

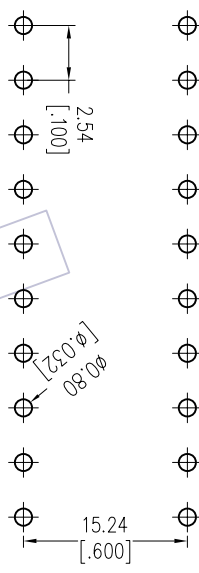
## Ordering Information

7110-302 XXS XX 074 X 1

Row of Pitch No. of Pin Contact Plating Packing  
 2=15.24mm See tab S0=Gold Flash/Tin T=Tube  
 S3=10u"Gold/Tin A=Tray  
 S4=15u"Gold/Tin  
 S5=30u"Gold/Tin  
 SN=Tin



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



**Dimensional & Ordering Information**

| NO. of Poles | Part No.           | Dim A |
|--------------|--------------------|-------|
| 24           | 7110-30224SXX074X1 | 30.48 |
| 28           | 7110-30228SXX074X1 | 35.56 |
| 32           | 7110-30232SXX074X1 | 40.64 |
| 36           | 7110-30236SXX074X1 | 45.72 |
| 40           | 7110-30240SXX074X1 | 50.80 |
| 42           | 7110-30242SXX074X1 | 53.34 |
| 48           | 7110-30248SXX074X1 | 60.96 |
| 50           | 7110-30250SXX074X1 | 63.50 |
| 52           | 7110-30252SXX074X1 | 66.04 |

# WCON

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| OPERATION | DRAW       | DATE                     | SCALE | FIT | PART NO.   |
|-----------|------------|--------------------------|-------|-----|--|
| XX        | JYHuong    | 2012/11/02               | UNIT  | mm  | SBB TAB  |
| X.XX      | CHECK      | DATE                     | SIZE  | A4  | TITLE:<br>2.54mm IC SOCKET 180° H=3.0 L=7.43<br>Row of Pitch 15.24 |
| X.XXX     | Angle      | DATE                     | SHEET | 1/1 | Customer NO.   |
| ± 3'      | APPROVE    | DATE                     | PROJ. |     |  |
| CHANGE    | CHANGE     |                          |       |     |  |
| REV       | DATE       | MODIFICATION DESCRIPTION |       |     |  |
| A0        | 2012/11/02 | NEW                      |       |     |  |