

# HSF

**TECHNICAL SPECS:**

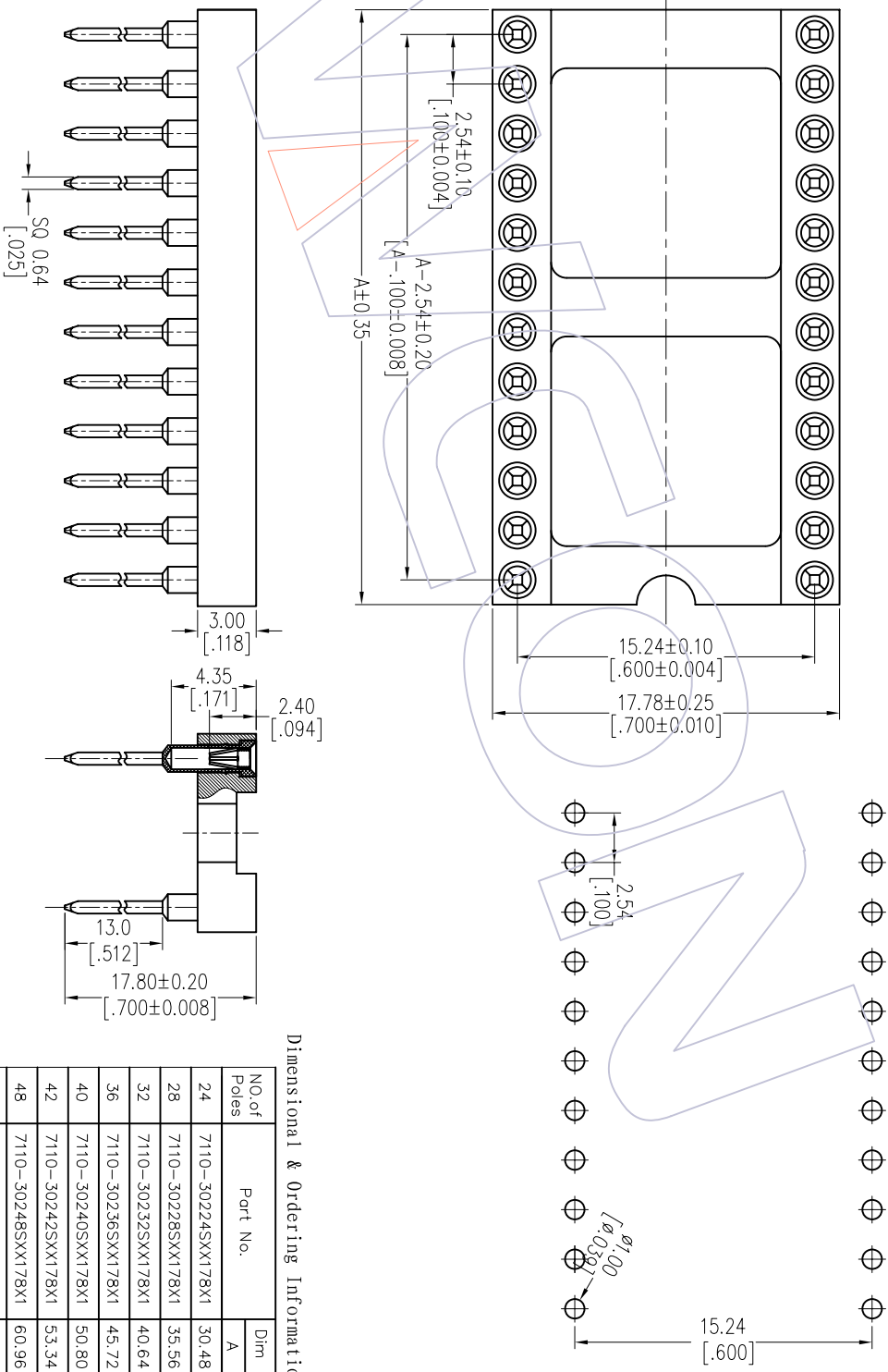
Current Rating: 1.0AMP  
 Contact Resistance: 10m $\Omega$  Max  
 Dielectric Strength: Min 1000Vrms  
 Mechanical Life: Min 100 cycles  
 Mating Pin:  $\phi$ 0.40 to  $\phi$ 0.56mm  
 Forces: (polished steel gauge  $\phi$ 0.45mm)  
 Insertion: 200g Max/Pin, Withdrawal: 60g Min/Pin  
 Operation Temperature: -40°C to +105°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(Ul94V-0)  
 24P~32P Insulators with center one bar  
 36P~48P Insulators with center two bar

## Ordering Information

7110-302 XX S XX 178 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  
 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.           | Dim A |
|--------------|--------------------|-------|
| 24           | 7110-30224SXX178X1 | 30.48 |
| 28           | 7110-30228SXX178X1 | 35.56 |
| 32           | 7110-30232SXX178X1 | 40.64 |
| 36           | 7110-30236SXX178X1 | 45.72 |
| 40           | 7110-30240SXX178X1 | 50.80 |
| 42           | 7110-30242SXX178X1 | 53.34 |
| 48           | 7110-30248SXX178X1 | 60.96 |
| 50           | 7110-30250SXX178X1 | 63.50 |
| 52           | 7110-30252SXX178X1 | 66.04 |

# WCON

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| REV | DATE       | MODIFICATION DESCRIPTION | CHANGE | OPERATION | DRAW     | DATE       | SCALE | FIT | PART NO.           | TITLE:   |
|-----|------------|--------------------------|--------|-----------|----------|------------|-------|-----|--------------------|--|
| A0  | 2012/11/02 | NEW                      | ---    | XX        | JYHuogng | 2012/11/02 | mm    | A4  | 7110-302XXSXX178X1 | 2.54mm IC SOCKET 180° H=3.0 L=17.8 SQUARE PIN Row of Pitch 15.24 |
| REV | DATE       | MODIFICATION DESCRIPTION | CHANGE | XX        | CHECK    | DATE       | mm    | A4  | 7110-302XXSXX178X1 | 2.54mm IC SOCKET 180° H=3.0 L=17.8 SQUARE PIN Row of Pitch 15.24 |
|     |            |                          | ---    | X.XXX     | CHECK    | DATE       | mm    | A4  | 7110-302XXSXX178X1 | 2.54mm IC SOCKET 180° H=3.0 L=17.8 SQUARE PIN Row of Pitch 15.24 |
|     |            |                          | ---    | Angle     | APPROVE  | DATE       | mm    | A4  | 7110-302XXSXX178X1 | 2.54mm IC SOCKET 180° H=3.0 L=17.8 SQUARE PIN Row of Pitch 15.24 |
|     |            |                          | ---    | ± 3'      | APPROVE  | DATE       | mm    | A4  | 7110-302XXSXX178X1 | 2.54mm IC SOCKET 180° H=3.0 L=17.8 SQUARE PIN Row of Pitch 15.24 |
|     |            |                          | ---    | ± 0.15    | APPROVE  | DATE       | mm    | A4  | 7110-302XXSXX178X1 | 2.54mm IC SOCKET 180° H=3.0 L=17.8 SQUARE PIN Row of Pitch 15.24 |
|     |            |                          | ---    | ± 0.25    | APPROVE  | DATE       | mm    | A4  | 7110-302XXSXX178X1 | 2.54mm IC SOCKET 180° H=3.0 L=17.8 SQUARE PIN Row of Pitch 15.24 |
|     |            |                          | ---    | ± 0.40    | APPROVE  | DATE       | mm    | A4  | 7110-302XXSXX178X1 | 2.54mm IC SOCKET 180° H=3.0 L=17.8 SQUARE PIN Row of Pitch 15.24 |
|     |            |                          | ---    | ± 0.40    | APPROVE  | DATE       | mm    | A4  | 7110-302XXSXX178X1 | 2.54mm IC SOCKET 180° H=3.0 L=17.8 SQUARE PIN Row of Pitch 15.24 |