

# HSF

## TECHNICAL SPECS:

Current Rating:1.0AMP

Contact Resistance:10mΩ Max

Dielectric Strength: Min 500VRMS

Mechanical Life: Min 500 cycles

Mating Pin:Ø0.38 to Ø0.50mm

Forces: (polished steel gauge Ø0.41mm)

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

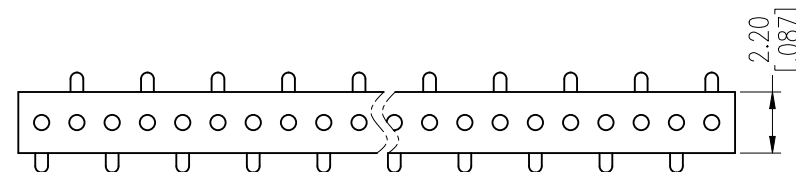
3524-411 XX M XX 060 X X

No. of Pin  
2-50PIN

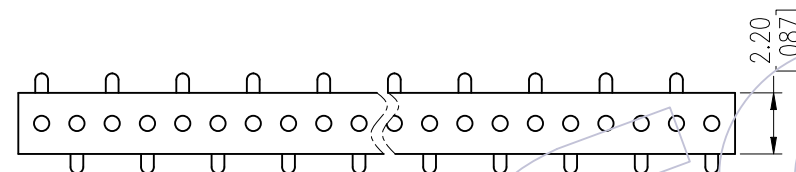
Contact Plating  
S0=Gold Flash/Tin  
S3=10u"Gold/Tin  
S4=15u"Gold/Tin  
S5=30u"Gold/Tin  
SN=Tin

Packing  
T=Tube  
A=Tray  
R=Tape&Reel

Series No.  
1=Type 1  
2=Type 2

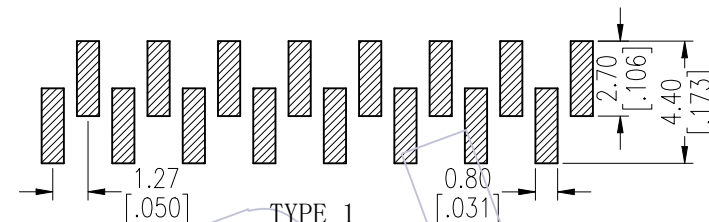


TYPE 1

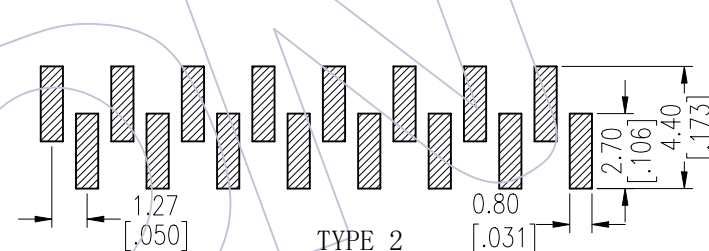


TYPE 2

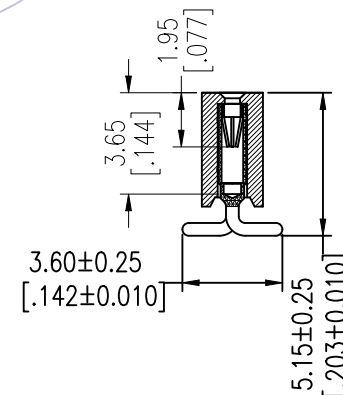
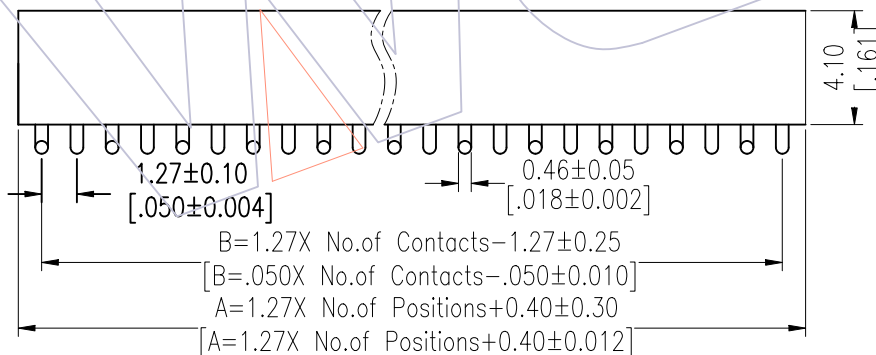
Recommended P.C.B Layout(Top Side)  
(PCB BOARD TOLERANCE±0.05)



TYPE 1



TYPE 2



| Item      | Pitch | Mating |
|-----------|-------|--------|
| Standard  | 1.27  | 3514   |
| Alternate |       |        |

|     |      |                          |  | OPERATION |       | DRAW    |  | DATE       |  | SCALE |     | FIT |  | PART NO.                      |  |
|-----|------|--------------------------|--|-----------|-------|---------|--|------------|--|-------|-----|-----|--|-------------------------------|--|
|     |      |                          |  | X.X       | ±0.40 | JYHuang |  | 2012/10/16 |  | UNIT  | mm  |     |  | 3524-411XXMXX060XX            |  |
|     |      |                          |  | X.XX      | ±0.25 | CHECK   |  | DATE       |  | SIZE  | A4  |     |  | TITLE:                        |  |
|     |      |                          |  | X.XXX     | ±0.15 |         |  |            |  | SHEET | 1/1 |     |  | 1.27mm MACHINED FEMALE HEADER |  |
|     |      |                          |  | Angle     | ± 3°  | APPROVE |  | DATE       |  | PROJ. |     |     |  | SINGLE ROW 180° SMT H=4.1     |  |
| REV | DATE | MODIFICATION DESCRIPTION |  | DIM       | TOL   |         |  |            |  |       |     |     |  | Customer NO.                  |  |

# WCON

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