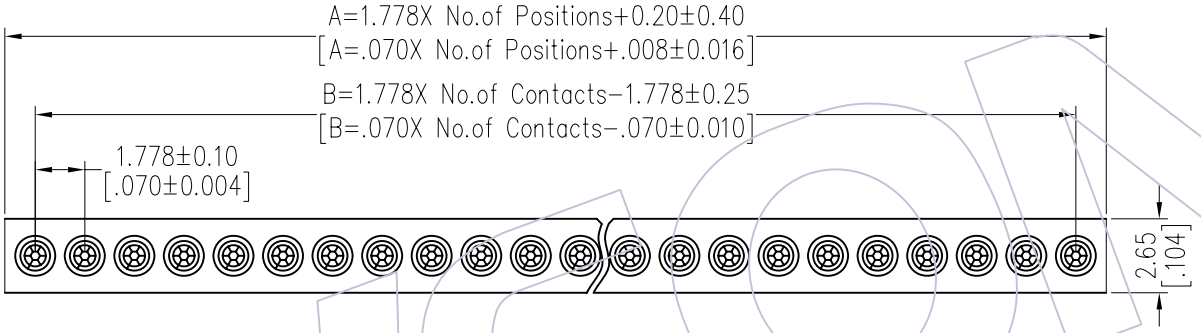
HSF

TECHNICAL SPECS:
Current Rating: 1.0AMP
Contact Resistance: 10mΩ Max
Dielectric Strength: Min 1000VRMS
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)

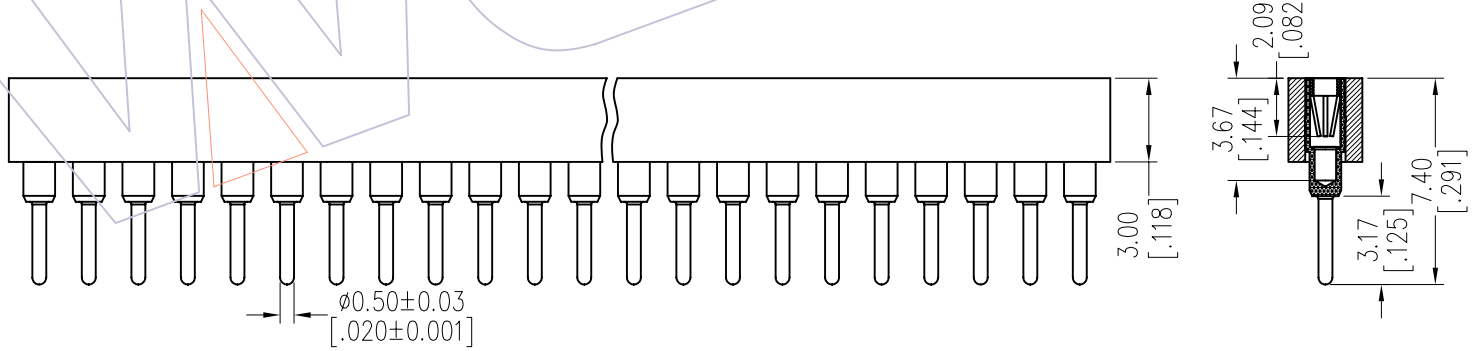
Recommended P.C.B Layout(Top Side)
(PCB BOARD TOLERANCE±0.05)



Ordering Information

3523-301 XX S XX 074 X 1

- XX: No. of Pin 2~50PIN
- XX: Contact Plating
  - S0=Gold Flash/Tin
  - S3=10u"Gold/Tin
  - S4=15u"Gold/Tin
  - S5=30u"Gold/Tin
  - SN=Tin
- X: Packing
  - A=Tray
  - T=Tube



Item	Pitch	Mating
Standard	1.778	3513
Alternate		

REV	DATE	MODIFICATION DESCRIPTION	CHANGE
A0	2012/10/17	NEW	------

OPERATION	
X.X	±0.40
X.XX	±0.25
X.XXX	±0.15
Angle	± 3°
DIM	TOL

DRAW	JYHuang	DATE	2012/10/17
CHECK		DATE	
APPROVE		DATE	

SCALE	FIT
UNIT	mm
SIZE	A4
SHEET	1/1
PROJ.	

PART NO. 3523-301XXSXX074X1

TITLE: 1.778mm MACHINED FEMALE HEADER SINGLE ROW 180° H=3.0 L=7.4

Customer NO.

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