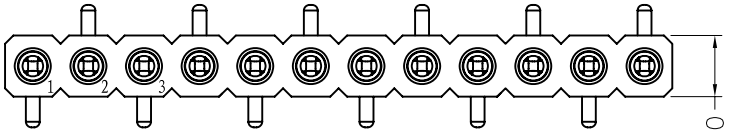
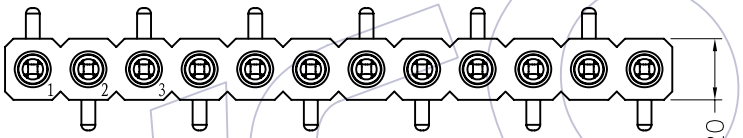
# HSF

TECHNICAL SPECS:
Current Rating:3.0AMP
Contact Resistance:10mΩ Max
Dielectric Strength: Min 1000VRMS
Mechanical Life: Min 500 cycles
Mating Pin:ø0.40 to ø0.56mm or 0.50SQ
Forces: (polished steel gauge ø0.46mm)
—Insertion:0.7N typ. —Withdrawal:0.4N typ.
Operation Temperature:—40°C to +105°C

Sleeve:Brass CuZn36Pb3(C36000)
Contact Clip(4 finger):BeCu(C17200)
Contact plating:Au or Sn over Ni
Insulator Material:PPS+30%G.F(UL94V—0)
Coplanariny SMD terminations:max 0.1mm
(measured on 25mm long connectors)

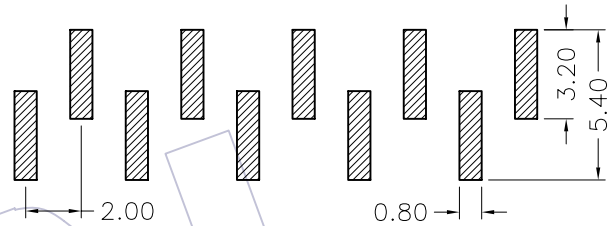


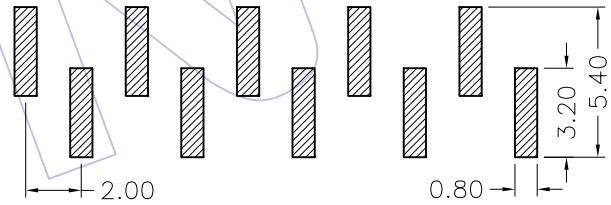

TYPE 1




TYPE 2

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

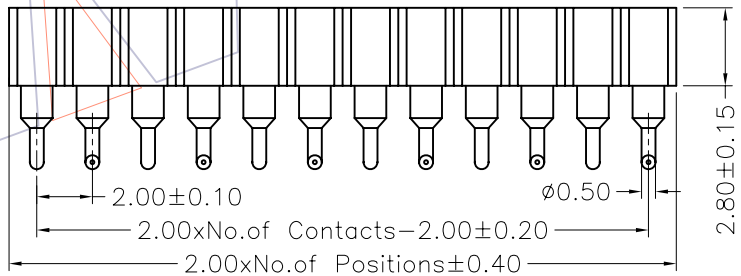


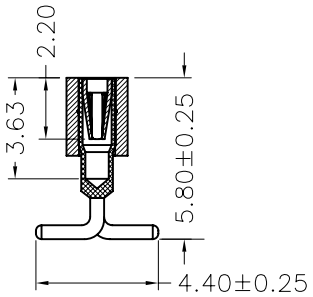




## *Ordering Information*

3522-281 XX M XX 074 X X

| No. of Pin | Contact Plating | Packing | Series No. |
|---|---|---|---|
| 2~40PIN | G0=Gold Flash | A=Tray | 1=Type 1 |
| | G1=3u"Gold | T=Tube | 2=Type 2 |
| | G2=5u"Gold | P=Tube+CAP | |
| | G3=10u"Gold | R=Tape&Reel+CAP | |
| | G4=15u"Gold | | |
| | G5=30u"Gold | | |
| | S0=Gold Flash/Tin | | |
| | S1=3u"Gold/Tin | | |
| | S2=5u"Gold/Tin | | |
| | S3=10u"Gold/Tin | | |
| | S4=15u"Gold/Tin | | |
| | S5=30u"Gold/Tin | | |
| | SN=Tin | | |




WCON

| REV | DATE | MODIFICATION DESCRIPTION | CHANGE | APPROVE |
|---|---|---|---|---|
| A0 | 08/10/13 | NEW | | |

| OPERATION | | DRAW | WEIXD | 08/10/13 |
|---|---|---|---|---|
| X.X | ±0.40 | DESIGN | | |
| X.XX | ±0.25 | | | |
| X.XXX | ±0.15 | CHECK | | |
| Angle | ± 3° | APPROVE | | |
| DIM | TOL | | | |

| | |
|---|---|
| SCALE | 1:1 |
| UNIT | mm |
| SIZE | A4 |
| SHEET | 1/1 |
| PROJ. | |

WCON 维峰五金电子有限公司
WAFE HARDWARE ELECTRONICS CO.LTD

| | |
|---|---|
| PART NO. | 3522-281XXMXX074XX |
| TITLE: | 2.00mm MACHINED FEMALE HEADER SINGLE ROW SMT H=2.80 L=7.4 |
| Customer NO. | |