

HSP

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
 Forces: (polished steel gauge Ø0.43mm)
 -Insertion:3N typ. -Withdrawal:1.5N typ.
 Operation Temperature:-40°C to +105°C

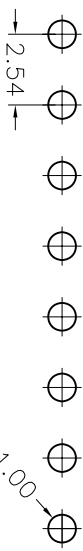
Sleeve:Brass CuZn36Pb5(C360000)
 Contact Clip(4 finger):BeCu(C17200)
 Contact plating:Au or Sn over Ni
 Insulator Material:PPS+30%G.F.(UL94V-0)

Ordering Information

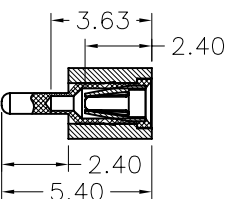
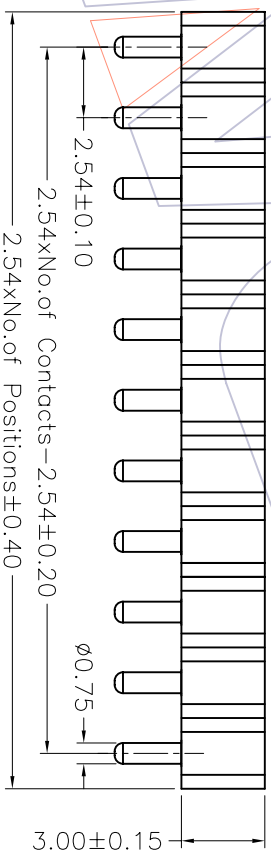
3520-301 XX S XX 054 X 1

No. of Pin 1-40PIN
 Contact Plating
 G0=Gold Flash
 G1=3u"Gold
 G2=5u"Gold
 G3=10u"Gold
 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

Packaging
 A=Tray
 T=Tube



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



REV	DATE	MODIFICATION DESCRIPTION	CHANGE	APPROVE	OPERATION		DRAW	WEIXD	08/10/14	SCALE		PART NO.	TITLE:
					Angle	TOL				UNIT	mm		
A0	08/10/14	NEW			X.X	±0.40	DESIGN			A4	3520-301XXSX054X1	2.54mm MACHINED FEMALE HEADER SINGLE ROW 180° H=3.00 L=5.4	
					X.XX	±0.25	CHECK			1/1			
							APPROVE						

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

3520-301XXSX054X1
 2.54mm MACHINED FEMALE HEADER
 SINGLE ROW 180° H=3.00 L=5.4