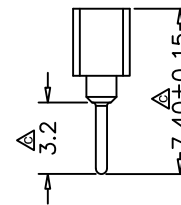
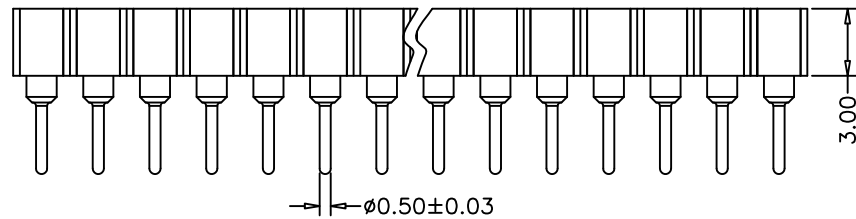
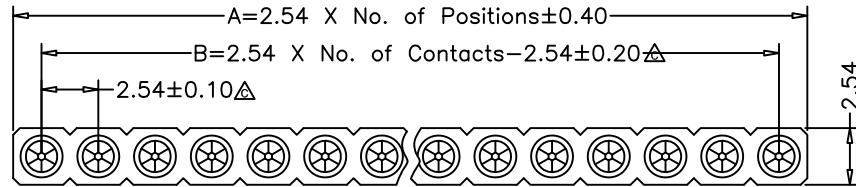


RoHS Compliant

| REV. | ECN NO. | DESCRIPTION | REVISER | DATE |
|------|---------|-------------|---------|------|
|      |         |             |         |      |
|      |         |             |         |      |



**P.C.B Layout**

**Technical Data**

Material:

Pin(outer sleeve): Brass,machined CuZn38Pb2  
 Clip(contact 4 finger): Beryllium Copper,heat treated  
 Plating(outer sleeve):  
 Tin plated:  $2\mu\text{m}/80\mu\text{Ni}$ ,  $5\mu\text{m}/150\mu\text{Sn}$   
 Plating(contact):  $2\mu\text{m}/80\mu\text{Ni}$ , gold  $1\mu\text{m}$  plated  
 Insulator(black): Glass filled thermoplastic polyester  
 UL94V-0 PBT

Electrical:

Current rating: 3Amps/contact max.  
 Contact resistance:  $\leq 4\text{m}\Omega$ /contact  
 Insulation resistance:  $\geq 1000\text{M}\Omega$  at  $V=100\text{V}$   
 Operating voltage: 60VAC/DC

Mechanical:

Average insertion force with steel pin of  $\phi 0.43\text{mm}/0.17''$ :  $< 250\text{g}$   
 Average withdrawal force with steel pin of  $\phi 0.43\text{mm}/0.17''$ :  $> 50\text{g}$  min.  
 Mechanical life cycle: min.200  
 Operating temperatures: Gold Plsted:  $-55^\circ\text{C}$  to  $+105^\circ\text{C}$   
 Tin plated:  $-40^\circ\text{C}$  to  $+105^\circ\text{C}$

CRITICAL DIMENSIONS:  $\Delta$

**Ordering Information**

4S254S-XX-GT-740

No. of Contacts    Plating Option  
 02-40pins        G1 Gold  $1\mu$ "for clip and sleeve  
                       T0 Tin  $150\mu$ "for clip and sleeve  
                       GT Gold  $1\mu$ "for clip Tin  $150\mu$ "for sleeve

|   |                         |  |
|---|-------------------------|--|
| THIRD ANGLE PROJECTION<br><br>ALL DIMENSIONS ARE IN MM<br>TOLERANCE UNSPECIFIED<br>X. $\pm 0.35$<br>X.X $\pm 0.20$<br>X.XX $\pm 0.15$<br>X.XXX $\pm 0.05$<br>X. $^\circ$ $\pm 2^\circ$ X.X $^\circ$ $\pm 1^\circ$ X.XX $^\circ$ $\pm 0.5^\circ$ | DRAWN BY:<br>FB.YANG    | 深圳市多维鑫电子有限公司<br>SHENZHEN TORVENICS ELECTRONIC CO.,LTD. |
|   | CHECKED BY:<br>GH.PANG  |  |
| DATE:<br>03/19/2013   | APPROVED BY:<br>TONY.OU | PART NUMBER:<br>4S254S-XX-GT-740                       |
|   | SHEET:<br>1 OF 1        |  |
| REV.:<br><b>01</b>  | SIZE:<br><b>A4</b>      |  |