



**ARIES**  
**ELECTRONICS, INC.**

### **Aries CSP Socket Mounting Instructions:**

1. Pick up the socket out of the trays by holding the sockets by the sides or lid. Do not touch the bottom of the sockets to avoid damaging the delicate spring probe spring bottoms.
2. Align the two socket alignment posts with the alignment holes in the PCB and place the socket straight down until the alignment posts fall into the alignment holes in the PCB. Visually check the four socket mounting holes to make sure they are aligned properly over the PCB mounting holes. If not, lift the socket straight up and turn it 180 degrees and place the socket back onto the PCB as described above and recheck the socket mounting hole alignment.
3. Insert the four mounting screws with the socket lid lowered enough to allow the back two mounting screws by the lid hinge to be inserted in the mounting holes.

Maximum screw torque is 2.5 in/lb per screw. Hand snug first, then hand tighten in an "X" pattern not to exceed the max torque listed.

Use PemNuts or plastic washers and 300 series or 18-8 stainless steel nuts, with the plastic washers against the PCB before the nuts are assembled.

#### NOTES:

- A. Never pick up or hold the CSP sockets by the bottom of the socket and never place the bottom of the CSP socket on a surface and move the socket from side to side. If so, the bottom of the spring probes will be damaged and the socket will not be useable.
- B. Do not close the lid of the socket unless the socket is mounted to the PCB, as there is a chance the interposer set may be pushed out of the socket housing.
- C. When the socket is not in use, the lid should be closed to prevent debris accumulation or damage to the exposed probe heads.