



MOUNTING INSTRUCTIONS FOR C070D-KNS CLAMPS

This type of clamp has preloaded cup shaped springs (Bellville Washers), which guarantee the exact clamping force and perpendicularity of the clamping force. When the washer spins free under the stack of springs it indicates the right clamping force. In order to have a correct mounting, the following is recommended:

1. The two contact surfaces of semiconductor should be covered with a thin coating of an approved electrical joint compound.
2. Locate the semiconductor on one of the two heat sinks centrally by using a locating pin. Be sure to check the polarity of the device. The semiconductor should be rotated to spread the compound.
3. Position the second heat sink on the semiconductor and locate it centrally by using a second pin and rotate the heat sink to spread the compound.
4. Mount the clamp on the heat sinks and hand tighten each bolt, checking the alignment of heat sinks and semiconductor to make sure the heat sinks are parallel.
5. Tighten alternately both bolts each time about 1/6 turn until the indicating washer spin freely without resistance. Tighten each bolt 1/10 turn more. Do not tighten beyond this point.