



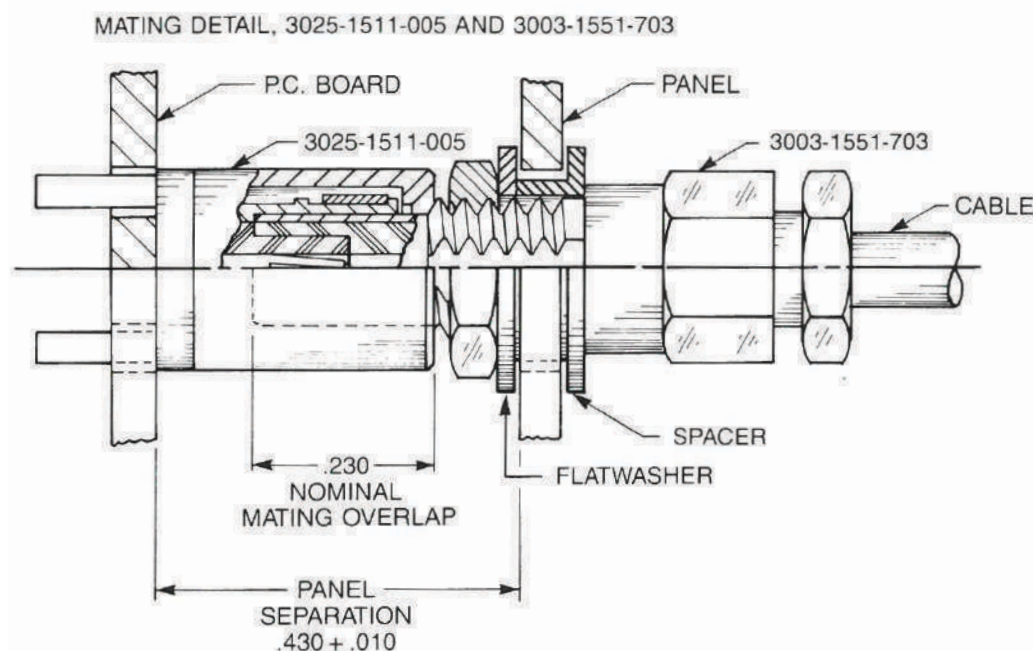
Float Mount - Blind Mate

AEP SLB series connectors can provide a low-cost alternative to other float mount/blind mate connector systems in applications below 4 GHz.

The float of the panel mounted connectors, combined with the closed-entry mating end hood of the plugs, allows the mating pairs to be misaligned up to about 0.025" without damage occurring during mating. Since the axial float is not spring-loaded, panel-to-panel separation should be maintained within ± 0.010 ".

Mating force per connector is 6 pounds maximum, and unmating force is 8 ounces minimum. External actuators, such as levers or jackscrews, should be considered in applications requiring simultaneous mating of multiple connector pairs, especially when one side is P.C. board mounted.

We recommend that only one side of the mating pair be float mounted.



To determine panel separation, add projection from panel or P.C. board for each connector used and subtract mating overlap (0.230"). Projection for each connector is shown on product pages, and is with all axial float loaded toward panel. Axial float is 0.008" for all items. Lockwasher is not included with connectors for 0.093" panel.

Radial float: when desired float is determined, drill panel to 0.230" diameter plus float amount.