ADDED FEATURE

A Spacer has been added to Antenna Ass'y to provide a positive electrical contact with a variety of PCTEL & competitors mounts (FIG. 1).

The Spacer allows a proper compression of Neoprene Washer at the interface of the Chrome Nut and Ground Plane (FIG. 2).

Should an additional compression of Neoprene Washer be necessary (FIG. 3), the Spacer (located in the cavity of the Insert) may be cut across and removed provided that an electrical contact is maintained. EPCOM syscom 1630 Paisano Dr. Proper Compression of Neoprene Washer (= no gap) El Paso. Tx 79901 Ph (915) 533-5119 Rod Ass'y www.epcom.net Neoprene Chrome Washer Nut Ground Plane FIG. 2 Neoprene unted to Ground Plane) Washer İnsufficient Grommet ompression of Neoprene Washer (= gap) Insert Neoprene Washer Contact SPACER Button Ground Plane FIG. 1 Antenna Not Mounted to Ground Plane-FIG. (Antenna Mounted to Ground Plane) Components Moved Apart 23 126 138 142 150 154 158 162 130 134 146 174 Frequency (MHz) 12.1 5.5 180 260 300 320 340 200 220 240 280 360 380 Frequency (MHz) 23 880 900 Frequency (MHz) 800 8220 920 940 Frequency (MHz) 470 430 Frequency (M.14) The dark line indicates the approximate length for a rod (y-axis) to the tuned frequency (x-axis).