

ABSTRACT:**RETENTION SYSTEM FOR ELECTRICAL CONNECTORS ON PRINTED CIRCUIT BOARDS**

5 A retention system (20,64) is provided for an electrical connector (22,66) mountable to a substrate such as a printed circuit board (60). A dielectric housing (24) has electrical terminal (34), and the housing is adapted for mounting on a surface (58) of the circuit board with the terminals establishing electrical connection to
10 appropriate circuits on the board. The housing includes at least one mounting portion (36,68) projecting generally parallel to the board in proximity to the surface thereof. A generally U-shaped hold-down clip (42,74) has a bight portion (44,76) spanning proximal ends of a pair of leg portions (46,78). The leg portions are configured for
15 depending along opposite sides of the mounting portion (36,68) of the housing, with feet portions (48,80) at distal ends of the leg portions for surface mounting to the surface of the printed circuit board. A complementary
20 interengaging retaining system (38,50,56,72,82,86,90) is provided between the bight portion (44,76) of the hold-down clip (42,74) and the mounting portion (46,78) of the housing for retaining the clip thereon.