

ABSTRACT**SHIELDED ELECTRICAL CONNECTOR ASSEMBLIES**

An electrical connector assembly (10) is provided for mounting on a surface of a printed circuit board. The assembly includes a generally rectangular dielectric housing (12). A front (24) of the housing defines a mating end for receiving a projecting portion of a mating connector. A generally rectangular conductive shield (14, 16) is disposed about portions of the housing and combines therewith to define a peripheral envelope of the connector assembly. The shield includes outside walls (40, 42) for covering a portion of the outside surfaces of the housing. At least one surface mounting foot (56) is integral with at least one of the outside walls (42) of the shield for securing the connector assembly to the surface of the printed circuit board. The surface mounting foot (56) is located within the peripheral envelope of the connector assembly. The foot is formed at an opening (86) in the shield which provides access through which visual observation can be made of the integrity of the surface mounting interface between the foot and the printed circuit board. The shield is disclosed as a two-piece shield (14, 16), and improved dimpled overlapping interfaces (48, 50, 52, 64) are provided at open seams between the two pieces of the shield, and improved grounding feet (68, 84) are provided for commoning the two pieces of the shield.