

Abstract

The invention concerns a method of making a mechanical and electrically conductive connection between a printed circuit board or a housing portion and an electrically conductive covering (metal cap) for electromagnetic shielding.

Such - relatively rigid - metal caps are soldered by machine on to a printed circuit board for mechanical fixing thereof and, if the soldering operation is carried out satisfactorily, also afford a good shielding function. The high supply of heat which is to be applied in the soldering operation repeatedly gives rise to difficulties in regard to the mass production of the electrical components or the shielding thereof by means of the above-mentioned metal cap technology.

The object of the invention is to eliminate the above-mentioned disadvantages and to improve the previous production technology.

A method of making a connection between a printed circuit board and an electrically conductive cap for electromagnetic shielding, wherein arranged between the printed circuit board and the cap is an electrically conductive mass which is processable in the initial condition, preferably being a mass which is capable of flow, and by means of the electrically conductive mass the cap is fixed on the printed circuit board and at the same time electrical contacting is effected between the cap and the printed circuit board.



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