

PATENT
98-054 SG

ABSTRACT:

CIRCUIT BOARD CONNECTOR WITH IMPROVED MOUNTING CHARACTERISTICS

A shielded circuit board connector (1) has an interior insulative connector housing (2) with conductive
5 terminals (3) supported thereon. An exterior metal shell (4) is fitted over the connector housing (2) and partially encloses the connector housing (2) and its associated terminals (3) as well as partially defines a mating end (10) of the connector (1) for accommodating an opposing connector.
10 The exterior shell (4) includes a formed metal piece that has a top wall (14, 21), two opposing sidewalls (22, 23) and two engaging bottom wall portions (17a, 17b). A rear wall (13) is formed with the top wall (14, 21) and is bent therefrom to cover the rear end of the connector housing (2). The rear
15 wall (13) of the exterior shell (4) further includes two side wings (26) that overlie the sidewalls (22, 23) of the shell (4) when the shell (4) is applied to a connector housing (2). Two pairs of mounting legs (24, 29) are formed on the shell (4) for securely mounting the connector (1) to a circuit board (33).

This Sheet Has Been Replaced

