

Abstract

A resistor for use in high density printed circuit board ,having low current noise and improved resistance accuracy, and a method of manufacturing the resistor. A resistor of the present invention includes a substrate , a pair of upper-surface electrode layers formed on the end sections of the upper surface of said substrate, a resistor layer formed so that the layer is connected electrically to said upper-surface electrode layers, a first trimming groove formed by cutting said resistor layer, a resistance restoring layer which is formed to cover at least said first trimming groove, a second trimming groove formed by cutting the resistance layer and resistance restoring layer, and a protective layer provided to cover at least the resistance layer and second trimming groove. In this way, the resistors having a superior property in both the current noise characteristic and the resistance accuracy are obtained.