

Abstract of the Disclosure

Thermistor chips are produced by first obtaining elongated strips made of a sintered ceramic plate having a specified resistance-temperature characteristic and having thereon a plurality of mutually parallel grooves extending perpendicularly to its direction of elongation. On each of these strips, ohmic electrodes are formed, one extending continuously from one of its main surfaces to one of its side surfaces and another extending continuously from the other oppositely facing main surface to the opposite side surface. This may be done by covering the strip completely with an electrically conductive film and separating it into two areal parts by forming a longitudinally extending slit on each of the main surfaces. These strips are then stacked one on top of another by aligning the grooves on each of these strips and adhesively attached together with a glass paste in between. The layered structure thus obtained is broken up along the aligned grooves to obtain individual units of which newly exposed surfaces may later be covered by an electrically insulating material.

