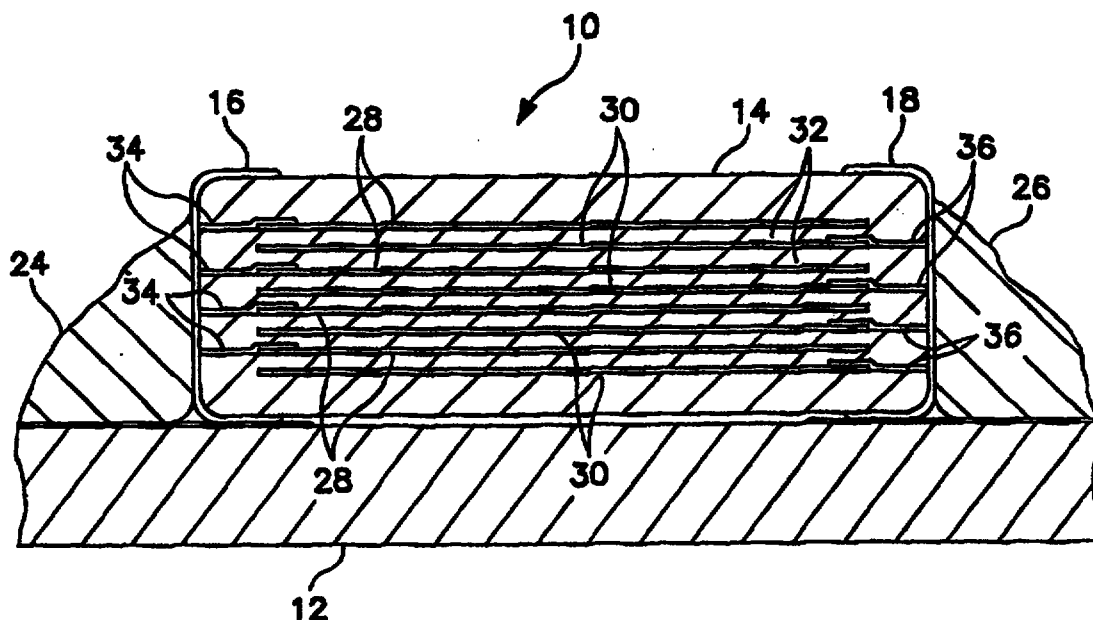


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(54) Title: MULTILAYER CERAMIC RC DEVICE



(57) Abstract

Composite RC devices provide predetermined impedance properties in a package similar to multilayer ceramic capacitors of the prior art. The RC devices (10) include a plurality of first and second ceramic layers (32) interleaved to form a stack. The ceramic layers each include a suitable electrode structure (28, 30) of opposite polarity forming the equivalent of multiple two-plate capacitors. One or more resistors (34, 36) are embedded in the device body and are selectively connected to the capacitor structure. In some presently preferred embodiments, multiple parallel resistors (34, 36) are provided, such as on each electrical side of the capacitor structure.