

HIGH CAPACITANCE SINGLE LAYER CAPACITOR**ABSTRACT**

A high capacitance single layer ceramic capacitor having a ceramic dielectric body containing one or more internal electrodes electrically connected to a metallization layer applied to the side and a top or bottom surface and a metallization pad electrically isolated from the metallization side and the top or bottom surface by a castellation or a via or separated by a dielectric insulating band positioned between the electrodes around the perimeter of the ceramic body and separating the top and bottom surfaces.

10 FIG. 1