

ABSTRACT

CERAMIC COMPOSITION AND CERAMIC CAPACITOR

The ceramic capacitor in accordance with the present invention is fabricated by employing a dielectric ceramic composition in forming dielectric layers thereof, wherein the dielectric ceramic composition contains an oxide of Ba and Ti, an oxide of Re (Re used herein represents one or more rare-earth elements selected from Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Tb and Y) and one or more oxides selected from oxides of Mn, V and Cr, wherein the amount of the oxide of Ba and Ti is 100 mol% in terms of BaTiO_3 , the amount of the oxide of Re is 0.25 to 1.5 mol% in terms of Re_2O_3 and the amount of one or more oxides of Mn, V or Cr is 0.03 to 0.6 mol% in terms of Mn_2O_3 , V_2O_5 , Cr_2O_3 , respectively, wherein the ratio of Ba to Ti ranges between 0.970 and 1.030.

Sole drawing