

Electrically Conductive Composition,
Ceramic Electronic Component,
and Method for Producing the Component

ABSTRACT OF DISCLOSURE

An electrically conductive composition for forming an electrically conductive film through firing. The composition includes metal powder and glass frit as solid components. The glass frit contains first glass frit which assumes a molten state at least at the maximum temperature during firing and second glass frit which maintains a glass-ceramic state at the maximum temperature during firing. The first frit has a softening point 100°C or more lower than the maximum temperature during firing. The content of the first glass frit based on the total amount of glass frit lies within a temperature range of 25-90 wt.%, and the total amount of glass frit based on the total solid component including metal powder lies within a temperature range of 3-10 wt.%. Also disclosed are ceramic electronic components and a production process of the components.