

MONOLITHIC CERAMIC ELECTRONIC COMPONENT
AND METHOD FOR MANUFACTURING THE SAME

ABSTRACT OF THE DISCLOSURE

A method for manufacturing a highly reliable laminated ceramic capacitor that hardly causes an interlayer peeling phenomenon such as delamination and hardly suffers invasion of a plating solution during plating or invasion of water and moisture during use, comprising the steps of: preparing a non-fired ceramic green chip comprising at least one layer of internal electrode containing a metallic compound comprising a metal that forms a solid solution with the internal electrode, or reacts with the internal electrode to form a compound, or segregates on the internal electrode or at the periphery of the internal electrode; firing the green chip to allow the metal in the metallic compound to form a solid solution with the internal electrode, to react with the internal electrode to form a compound, or to segregate the metallic compound on the internal electrode or at the periphery of the metallic compound, thereby enhancing the adhesion between the internal electrode and the ceramic; and forming external electrodes on the outer surfaces of the ceramic sintered body.

