



THIS SHEET HAS BEEN
REPLACED

WHAT IS CLAIMED IS:

1. A method of manufacturing a multilayer ceramic
component including capacitor therein, comprising the steps
5 of:

carrying a long ceramic green sheet along its
longitudinal direction and measuring the thickness of said
long ceramic green sheet while carrying the same;

10 forming an internal electrodes on said long ceramic
green sheet;

punching out said long ceramic green sheet into ceramic
green sheets of prescribed dimensions and stacking said
punched ceramic green sheets with each other by a number
being obtained with reference to the measured value of the
15 thickness of said long ceramic green sheet;

pressurizing stacked said ceramic green sheets along
the direction of thickness for forming a laminate; and

20 obtaining a ceramic sintered body by firing said
laminate.

2. The method of manufacturing a multilayer ceramic
component including capacitor therein in accordance with
claim 1, wherein the thickness of said long ceramic green
sheet is measured in a plurality of portions thereof.

25

This Sheet Has Been Replaced





THIS SHEET HAS BEEN
REPLACED

3. The method of manufacturing a multilayer ceramic component including capacitor therein in accordance with claim 1 or 2, wherein the thickness of said long ceramic green sheet is measured in at least at a central portion of a region being provided with said internal electrode.

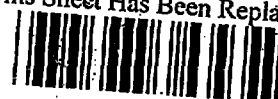
4. The method of manufacturing a multilayer ceramic component including capacitor therein in accordance with claim 3, wherein the thickness of said long ceramic green sheet is measured on both longitudinal ends of said region being provided with said internal electrode.

5. The method of manufacturing a multilayer ceramic component including capacitor therein in accordance with claim 3, wherein the thickness of said long ceramic green sheet is measured at corner portions of said region being provided with said internal electrode.

6. The method of manufacturing a multilayer ceramic component including capacitor therein in accordance with any of claims 1 to 5, wherein the thickness of said long ceramic green sheet is measured by a non-contact measuring method.

7. The method of manufacturing a multilayer ceramic component including capacitor therein in accordance with

This Sheet Has Been Replaced



THIS SHEET HAS BEEN
REPLACED



claim 6, wherein said non-contact measuring method is adapted to irradiate said long ceramic green sheet with radiation for deciding the thickness from the amount of applied said radiation and the amount of excited or
5 transmitted radiation being measured after irradiation.

8. The method of manufacturing a multilayer ceramic component including capacitor therein in accordance with any one of claims 1 to 7, wherein the multilayer ceramic
10 component including capacitor therein is a multilayer ceramic capacitor and further comprising a step of forming external electrodes on end surfaces of said ceramic sintered body, respectively.

This Sheet Has Been Replaced

