

Title (en)

METHOD FOR PRODUCING A CERAMIC BODY HAVING AN INTEGRATED PASSIVE ELECTRONIC COMPONENT, SUCH A BODY AND USE OF SAME

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES KERAMISCHEN KÖRPERS MIT EINEM INTEGRIERTEN PASSIVEN ELEKTRONISCHEN BAUELEMENT, DERARTIGER KÖRPER UND VERWENDUNG DES KÖRPERS

Title (fr)

PROCEDE POUR PRODUIRE UN CORPS CERAMIQUE COMPORTANT UN COMPOSANT ELECTRONIQUE PASSIF INTEGRE, UN TEL CORPS ET UTILISATION DE CE CORPS

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Application

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Abstract (en)

[origin: WO0004577A1] According to the invention, a ceramic body with a monolithic multi-layer structure is produced using a multistage sintering process. To prevent lateral shrinkage the body is built up of green films whose material becomes compacted at different temperature intervals. In this way a body having a very low component tolerance is obtained. A plurality of different passive electronic components can be integrated into the volume of the body. Such a body is used, for example, as substrate of a microwave module.

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