



\*162162\*



\*G00002\*

## ABSTRACT

A capacitor comprising a porous metal sheet, part of which is forming  
5 an electrode section, an organic dielectrics formed on a metal surface, a solid  
electrolyte layer formed on the organic dielectrics, an electrode layer formed on  
the solid electrolyte layer, and an insulating protection layer provided for  
protecting said electrode section, dielectrics, solid electrolyte layer and  
electrode layer. The capacitor is provided with bumps, which are formed on  
10 the insulating protection layer and connected at least with the electrode section  
or the electrode layer. The capacitor of the present invention provides a  
semiconductor device or a circuit superior in the high frequency response.