

METHOD OF MANUFACTURING SOLID ELECTROLYTIC CAPACITORS

ABSTRACT OF THE DISCLOSURE

A method of manufacturing solid electrolytic capacitors which prevents decrease in product yield due to degradation in characteristics of anode foil during a process of forming a MnO_2 layer, and achieves high quality solid electrolytic capacitors with high yield. A part of aluminum foil is sampled from each lot before inputting the lot into the next process of forming MnO_2 layer on a surface of aluminum foil, and a predetermined inspection is implemented after forming the MnO_2 layer on this sample. Based on inspection results, whether to input the lot of the sample to the next process is determined. This manufacturing method prevents the occurrence of defects in the MnO_2 layer formation process in advance, and reduces the case of finding defects after inputting the entire lot of aluminum foil to the MnO_2 layer formation process. Consequently, highly reliable solid electrolytic capacitors are manufactured inexpensively and stably without loss in costs and efficiency.

Fig. 1