

INFLUENCE OF A SUBSTRATE
ON ELECTROPHYSICAL PROPERTIES
OF COMPOSITE FILMS ON THE BASIS
OF SnO₂-Sb

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S u m m a r y

The influence of a substrate on electrophysical properties of high-ohmic composition films on the basis of SnO₂-Sb solid solution is investigated. It is established that the major factor of this influence under condition of no chemical interaction between the substrate and the film is the mismatch of thermal expansion coefficients. The effect of this factor on the temperature coefficient of resistance is significant for films exhibiting large strain sensitivity.