

# Global Thick Film Resistors Market Survey and Trend Research 2018

<https://marketpublishers.com/r/G9396C9FE77EN.html>

Date: September 2018

Pages: 73

Price: US\$ 2,600.00 (Single User License)

ID: G9396C9FE77EN

## Abstracts

### Summary

Thin and thick film resistors are the most common types in the market. They are characterized by a resistive layer on a ceramic base. Although their appearance might be very similar, their properties and manufacturing process are very different. The naming originates from the different layer thicknesses. Thin film has a thickness in the order of 0.1 micrometer or smaller, while thick film is around thousands time thicker. However, the main difference is method the resistive film is applied onto the substrate. Thin film resistors have a metallic film that is vacuum deposited on an insulating substrate. Thick film resistors are produced by firing a special paste onto the substrate. The paste is a mixture of glass and metal oxides. Thin film is more accurate, has a better temperature coefficient and is more stable. It therefore competes with other technologies that feature high precision, such as wire wound or bulk metal foil. On the other hand, thick film is preferred for applications where these high requirements are not critical since prices are much lower. This report studies the Thick Film Resistors market. This report describes the development of the industry by upstream & downstream, industry overall and development, key companies, as well as type segment & market application and so on, and makes a scientific prediction for the development industry prospects on the basis of analysis, finally, analyzes opportunities for investment in the industry at the end of the report.

### Industry Chain

Raw Materials

Cost

Technology

Consumer Preference

Industry Overall:

History

Development & Trend

Market Competition

Trade Overview

Policy

Region (North America, Europe, Asia-Pacific, South America, Middle East, Africa):

Regional Market

Production Development

Sales

Regional Trade

Regional Forecast

Company (Yageo, Ta-I Technology Co., Ltd, KOA, Vishay, Walsin Technology Corporation, Walsin Technology Corporation, Fenghua Advanced Technology, Samsung Electro-Mechanics, Panasonic, Uni Ohm, Rohm Co., Ltd., Tateyama Kagaku Industry Co., Ltd., Elektronische Bauelemente GmbH (EBG), Ever Ohms Technology Co., Ltd. etc.):

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