

Global Thick Film Resistors Market Study 2016-2026, by Segment (SMD Type, Through Hole Type), by Market (Consumer Electronics , Telecommunications,) , by Company (Yageo, Ta-I Technology Co., Ltd,)

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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.

The global Thick Film Resistors market will reach Volume Million USD in 2019 and with a CAGR xx% between 2020-2026.

Product Type Coverage (Market Size & Forecast, Major Company of Product Type etc.):

SMD Type

Through Hole Type

Demand Coverage (Market Size & Forecast, Consumer Distribution):

Consumer Electronics

Telecommunications

Automotive/Energy

Industrial/Medical

Others

Company Coverage (Sales data, Main Products & Services etc.):

Yageo

Ta-I Technology Co., Ltd

KOA

Vishay

Ralec Electronics Corp.

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.

Major Region Market

North America

Europe

Asia-Pacific

South America

Middle East & Africa

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