

# LTCC Market and HTCC - Global Market Outlook (2018-2027)

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## Abstracts

According to Statistics MRC, the Global LTCC Market and HTCC market accounted for \$0.86 billion in 2018 and is expected to reach \$1.42 billion by 2027 growing at a CAGR of 5.8% during the forecast period. Some of the key factors such as growing requirement for ceramic substrates in applications with super high-frequency and rising claim for extremely high-efficiency electronic devices are driving the market growth. However, issues related to reparability act as the restraining factors for market growth. Moreover, the rising requirement for nanotechnology and systems with high-end computing will provide ample opportunities for the growth of the market.

Low-temperature Co-Fired Ceramics (LTCC) and are made at a temperature below 1,000°C which is achieved by adding in a glassy phase to the ceramic, which lowers its melting point whereas, HTCC is manufactured at a temperature above 1,600°C. They are used in various fields such as aerospace & defence, automotive, telecommunication, industrial, and medical. They have several advantages over the traditional printed circuit boards as due to their nature of chemical inactivity and high thermal stability.

By process type, LTCC segment is going to have a lucrative growth during the forecast period due to the rise in demand for these components in automotive, telecommunication, aviation & defence, medical segments. This procedure permits metallization with materials like copper, silver, and gold at a low temperature. It offers properties like low-loss of electric signals, expanded usefulness, excellent stability, and reliability. By geography, Asia Pacific is going to have a lucrative growth during the forecast period due to the growing demand for technologically advanced electronic devices for its use in several applications has led to innovations and developments in the electronics sector of this region.

Some of the key players in LTCC Market and HTCC market include KOA Corporation, TDK Corporation, Kyocera Corporation, Micro Systems Technologies, Murata Manufacturing Co., Ltd., Nikko Company, Hitachi Metals, Ltd., DowDuPont Inc., Yokowo Co., Ltd., NGK Spark Plug Co., Ltd. and Maruwa Co., Ltd.

#### Material Types Covered:

Ceramic Material

Glass-Ceramic Material

#### Process Types Covered:

High-Temperature Co-fired Ceramic (HTCC)

Low-Temperature Co-Fired Ceramic (LTCC)

#### Applications Covered:

Engine Management System

Control Units

Entertainment & Navigation Systems

Electronic Power Steering

Transmission Control Units

Antilock Brake Systems

Light-Emitting Diode (LEDs)

Airbag Control Modules

Other Applications

**End-Users Covered:**

Medical

Aerospace &amp; Defense

Telecommunications

Consumer Electronics

Automotive

Industrial

Other End-Users

**Regions Covered:**

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

## Rest of Middle East & Africa

### What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub-segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic analysis: Drivers and Constraints, Product/Technology Analysis, Porter's five forces analysis, SWOT analysis etc.

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

### Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

#### Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

## Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

## Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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