

Exxelia Introduces TCM Series of High-Reliability Common-Mode Inductors

Exxelia, a leading global designer and manufacturer of highly engineered passive components and high-end electromechanical solutions, is pleased to introduce the new TCM series of common-mode inductors. Designed and qualified to be compatible with aerospace and other high-reliability applications, the TCM series is a cost-effective solution for harsh environments.



Exxelia TCM series

Exxelia designed this extensive and cost-effective range to be an easy commercial (COTS) solution for aerospace, defense, and other high-reliability applications.

The **TCM series** is available in a through-hole package for horizontal or vertical mounting. **TCM** chokes are offered with inductances from 0.7 mH to 47 mH under rated currents from 0.3 to 4.0 A. Each unit is thoroughly tested with a dielectric withstanding strength of 1,500 VAC.

Excellent thermal properties allow the series to operate from -55° C to +125° C. The high mechanical performance of the component materials

(all meeting to UL94 V0 rating) makes **TCM** a perfect fit for aviation, defense and transportation industries.

The **TCM series** of common-mode chokes is designed into circuit boards of a large number of power electronic devices used for a wide range of applications, including switch-mode power supplies and converters, inverters, battery management systems, and chargers. Exxelia's **TCM series** fully complies with the requirements of RoHS and REACH.

For more information, please contact:

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About Exxelia

Exxelia is a global manufacturer of high-grade passive components and high-end electromechanical solutions. Exxelia Group was born in 2009 from the merger of several long-established companies with complementary activities and know-hows. This powerful alliance of expertise enables the Group to provide a unique product portfolio dedicated to harsh environments. Exxelia's products are commonly used for power electronics, power generation, energy storage, and signal filtering functions in demanding domains such as Defense, Aviation, Space, Energy, Transportation, Medical, Telecom and other Industrial applications.

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