Fast Facts

Temperature Sensor
Redundant

As an automotive supplier for sensors and power modules, our companies have been partners for leading automotive manufacturers and system suppliers for more than four decades. Today, a significant portion of our products is focused on electric mobility and hybrid drives.

If we talk about the range of electric vehicles, the battery is one of the most important elements of future powertrains. Here, too, demanding power densities, accompanied by high temperatures, are becoming the main issue. For temperature monitoring, we rely on a proven technology that, optimized for even better performance, is characterized by an exceptionally long service life. The sensor is designed as a 100% redundant system for self-diagnostic capability and thus offers optimum safety. With this 100 % redundancy that temperature sensor can be used in systems following functional Safety rules.

Special Features

- Safe battery management in BEV
- Proven robust design
- Optimised for extreme long life usage
- Self diagnosis by 100 % redundancy
- Easy mounting
- Common connector system
- Optimised production technology keeps valuable cost level

General Note This datasheet does not give any information on product availability. The information given is just meant to describe the product and is not to be considered as guaranteed characteristics in the legal sense. All products are subject to design changes in the interest of further technical development. Copyright: KYOCERA AVX Components (Dresden) GmbH (GER)
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