Signal inductors, wire-wound type

Signal inductors are the basic TDK inductors. They have small transmission loss (low resistance), featuring a large current-handling capacity and high accuracy (narrow tolerance), thus providing a rich lineup that can satisfy the specifications of our customers.

Signal inductors, multilayer type

It was TDK who developed the world’s first inductors without winding. TDK has also developed high-frequency glass ceramic inductors and the low-transmission loss “Gigaspiral Multilayer Structure.”

Power inductors, wire-wound type

TDK have developed special power inductors based on a newly designed unique structure, where a drum core is sandwiched by two V-shaped cores, thus successfully achieving a large current capacity and reduction in calorific loss.

Noise suppression components, thin-film type

TDK has commercialized thin-film common mode filters to meet the demand for smaller and thinner electronic devices, forming thin-film of high flux density ferrite material and high-resolution pattern thin film coils on the basis of state-of-the-art nanotechnology.