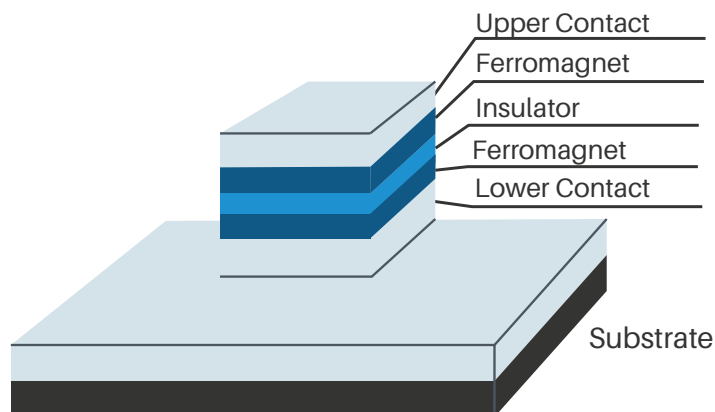


Tunneling Magneto Resistive

Tunneling Magneto Resistive (TMR) technology relies on the quantum mechanical phenomenon of electron tunneling through a thin insulating barrier between two ferromagnetic layers. This unique mechanism results in a resistance change that is highly responsive to the surrounding magnetic field, making TMR sensors exceptionally accurate and efficient.

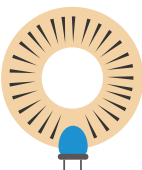
One of the distinguishing features of TMR lies in its ability to achieve remarkable signal-to-noise ratios, surpassing traditional magnetic sensing technologies. This heightened sensitivity positions TMR as the go-to solution for applications demanding precise detection of magnetic fields, such as in data storage devices, rotational position sensors, magnetic field sensors, and rotational sensors in automotive and systems in medical devices. The applications of TMR technology are vast.



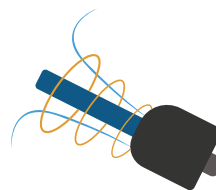
Applications



Data Storage



Rotational
Sensors



Magnetic
Field Sensors

Since its inception in 1979 and joining the Juneway Group in 2013, TFT has been leading the way as a seasoned manufacturer of high-quality electronic components. Through a steadfast dedication to quality and ingenuity, TFT has built a trusted reputation of expertise focused on serving the needs of its longstanding clients and has broadened its scope and reach.

A comprehensive product portfolio allows TFT to supply diverse industries, showcasing an ability to provide custom project solutions. TFT's cutting-edge engineering innovations ensure components meet the highest performance and reliability standards. With competitive lead times and flexible pricing structures, TFT maintains a customer-centric approach focused on responding to dynamic market trends. As a leader in component manufacturing, TFT's legacy of quality and innovation continues to shape the future.

