

SUCCESS STORY

EMI Filters Used in Military Tank Electronics

Spectrum Control's hermetically sealed filters are rugged and optimized for harsh battlefield conditions

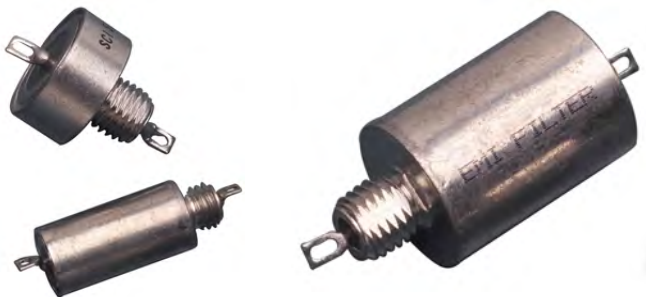
Military battle tanks in service all over the world have Spectrum Control's hermetically sealed EMI filters incorporated into their electronic systems. These filters play an important role in the military grade power regulators, guidance displays and sensors, and communication systems – protecting these sensitive electronics from power surges and spikes while in the field.

Why Spectrum Control's Filters

Spectrum Control's military and defense industry customers rely on our proven experience to deliver filters, technologies and other components for the most severe environments. We offer the largest, most trusted selections of EMI filtering components and assembly solutions for EMC compliance in the industry. Plus, Spectrum Control has over 50 years of filter design and testing experience to support all unique application requirements

As military tanks evolve, they are becoming more electrified, making these armored vehicles more vulnerable to unwanted RF interference.

Spectrum Control offers the most QPL designs for these functions and the largest catalog of mechanical and electrical configurations for unparalleled versatility and ease of design. These EMI filtering components improve energy efficiency and power management, addressing both conducted and radiated EMI.



Spectrum Controls's hermetically sealed EMI filters play a critical role in keeping military electronics working effectively.



These heavily armed vehicles feature digital fire control systems.

Product Details

Spectrum Control's MIL-PRF-15733, hermetically sealed EMI filters are used in numerous military systems. They feature glass seals with high-temperature terminal construction while also offering high EMI filtering performance. These filters are impervious to high moisture environments, solvents, and severe environmental conditions making them ideal for the harshest environments.

- MIL-PRF-15733, DSCC 84084, and MIL-PRF-28861 QPL filters available
- Popular 0.375", 0.410", and 0.690" case diameters
- Voltage ratings 50 VDC to 400 VDC/240 VAC, 400Hz
- Filter configurations C, L, Pi, T and double T available