

## MIL-PWR-1275/704

This new innovation, combines RF Immunity's knowledge of protection per MIL-STD 1275 & 704 and filtering connectors.

**MIL-PWR-1275/704** & **MIL-PWR-1275/704 + filter** connectors are unique turnkey solutions providing adequate protection against all over voltage transients (Surges & Spikes) for power lines in both ground mobile vehicles (1275) and avionic units (704), while assembled as part of a 4 pin D38999 standard connector.

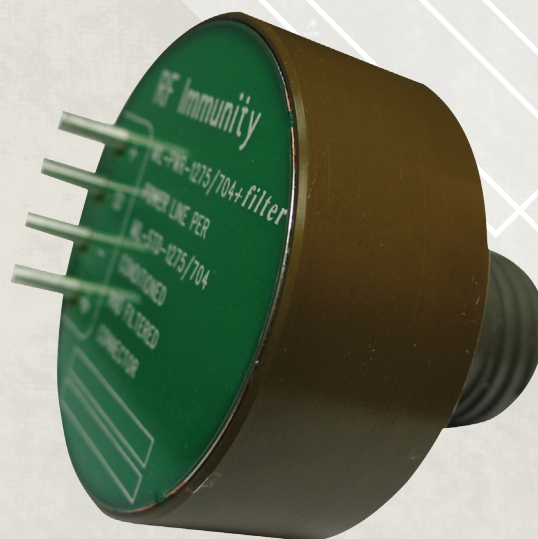
The protection is against high surges (up to 100V@50msec and 80V@100msec) and spikes (+/- 250V@15mj and 600V@10µsec).

### Advantages

- Space saving solution, as the protection module or the filtered protection module is part of the connector and not mounted on a PCB.
- Saves the need to purchase a separate protection module.
- Guarantees a steady power supply from un-stable power units such as batteries, generators or standard non-protected 1275 power supplies.

### Mechanical Specifications

- Uses a standard D38999/24WC04PN military connector which complies with all of the strict environmental conditions of the MIL-STD-D38999.



**MIL-PWR-1275/704 + Filter** CONNECTOR

### Typical Applications

- Truck mounted communication systems.
- Truck mounted surveillance & tracking systems.
- Truck mounted radar units.
- Main Battle Tanks (MBT's).
- Armored Personnel Carriers (APC's).
- Avionic Systems.
- Planes (MIL-STD-704) for flight applications & MIL-STD-1275 when hooked up to a ground power supply.



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