



ZF-0916-10

The ZF-0916-10 filter is designed to be used in systems that are required to work in the tempest environment or to meet the requirements of Mil-Std-461D, E, or F.

"Feed-Through capacitors" and sealed construction provide excellent insertion loss from less than 10 KHz to beyond 1.0 GHz.

The filter has been designed to meet the following:

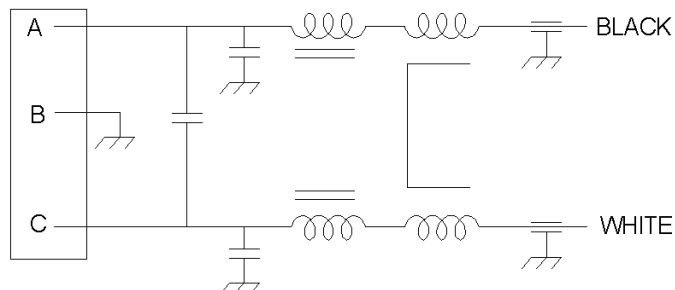
Humidity: Mil-Std-810, Method 504.3, Procedure I.

95 % humidity, non-condensating

Shock: Mil-Std-810, Method 516.4, Procedures IV & VI

Vibration: Mil-Std-810, Method 514.4, Category 8

ROHS compliant



Operating Voltage = _____ 125/250 Vac, 50/60 Hz

= _____ 125 Vac, 400 Hz

Max. Operating Current = _____ 10 Amp

Operating Temperature = _____ -40—60°C

Diel. Withstand (Line—Case) = _____ 1500 Vac. (1.0 Min)

Diel. Withstand (Line—Neut) = _____ 1500 Vdc. (1.0 Min)

Capacitance, (Each line—case) = _____ 0.02 μ F

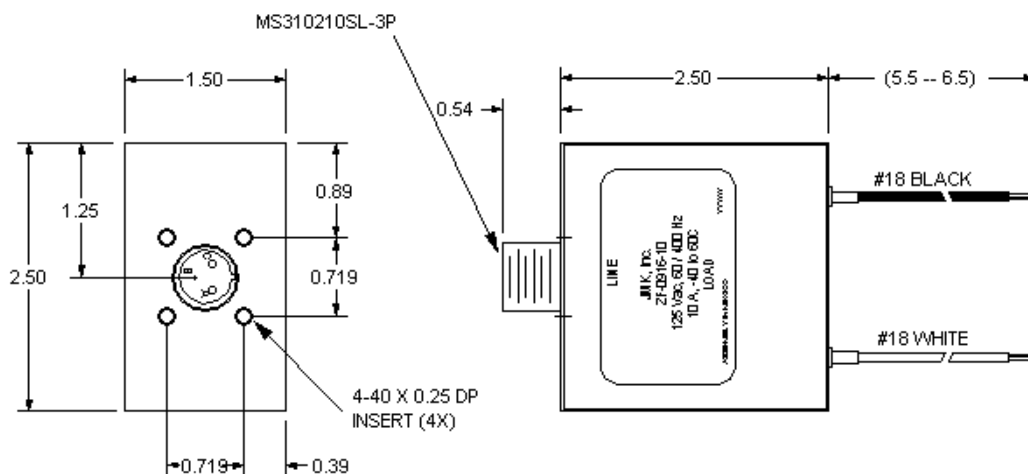
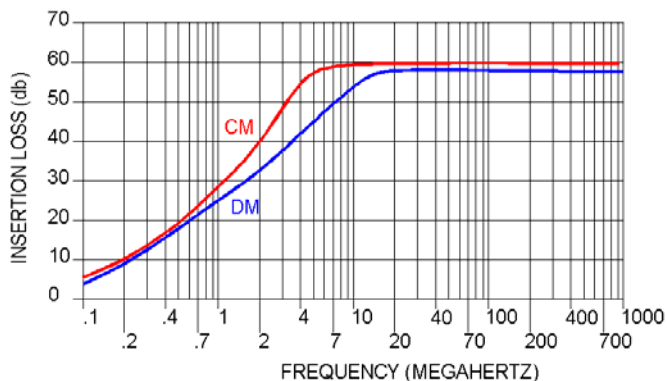
Leakage Current = _____ 125V, 60 Hz: 1.15 mA Max

= _____ 125V, 400 Hz: 7.55 mA Max

= _____ 250 V, 50 Hz: 1.90 mA Max

Calculated MTBF = _____ 1,344,850 Hrs GB @ 30°C

INSERTION LOSS vs. FREQUENCY



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