

# JMK, Inc.

# ZF-0916-3

The ZF-0916-3 filter is designed to be used in systems that are required to work in the temper environment or to meet the requirements of Mil-Std-461D, E, or F. Feed through capacitors and the 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.

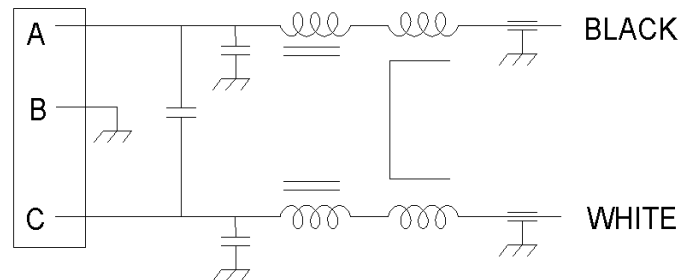
Shock: Mil-Std-810, Method 516.4, Procedures IV & VI

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

Weight: 0.6 lb

MTBF: Calculated  $F_r = 0.667445 = 1,498,251$  hours

RohS compliant



## Performance Characteristics

Operating voltage: 125/250 Vac, 50/60 Hz

125 Vac, 400 Hz

Max. operating current: 3.0 ampere

Operating temperature: -40—60°C

Dielectric Withstand. Line/case: 1500 Vac. (1.0 minute)

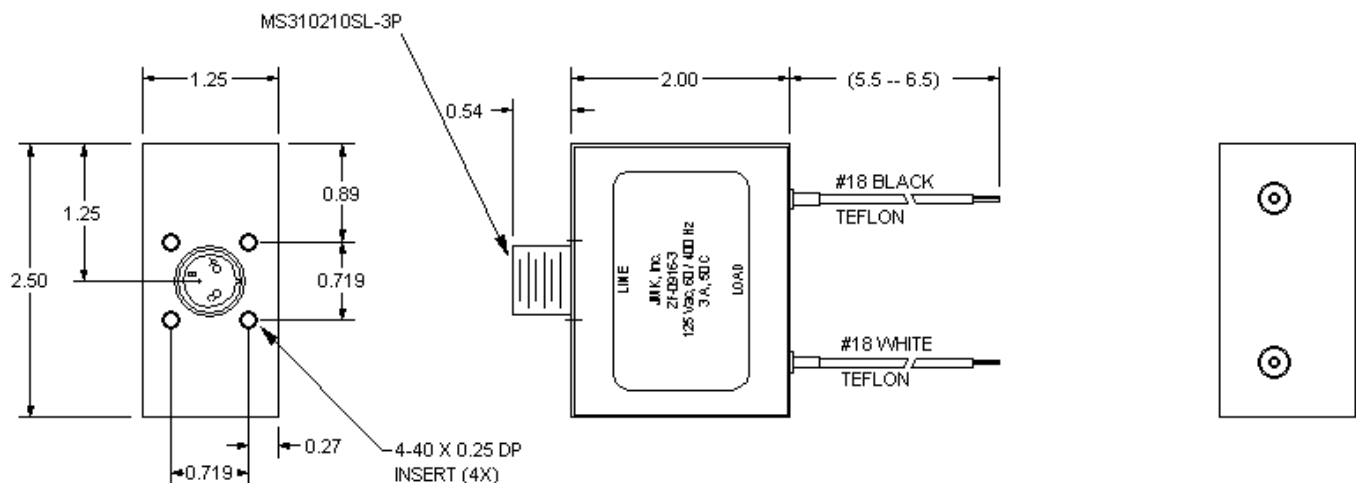
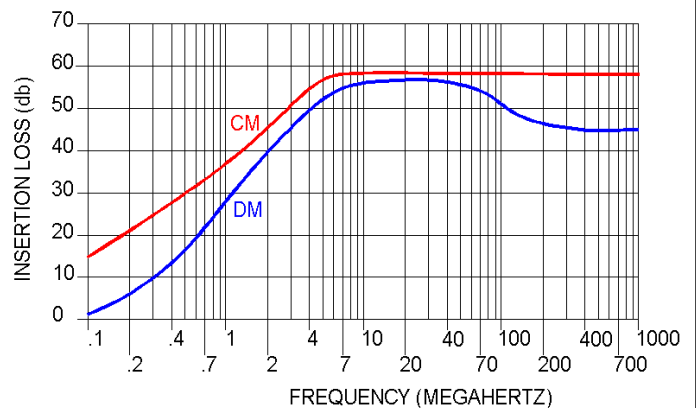
Dielectric Withstand. Line/Neut: 1500 Vdc. (1.0 minute)

Capacitance, (Each line—case): 0.02  $\mu$ F Typ.

Leakage current 125V, 60 Hz: 1.15 ma max

125V, 400 Hz: 7.55 ma max

250 V, 50 Hz: 1.90 ma max



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