



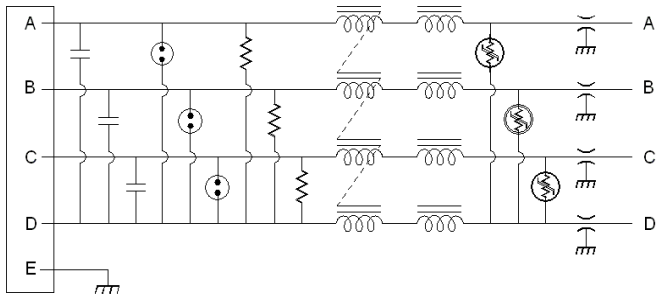
ZL-1906-15

The ZL-1906-15 is a 3PH, Y filter developed to meet the requirements of MIL-STD-461D, E or F.

This filter has the maximum insertion loss possible for a very small package. This filter will perform well for the CE102 conducted emissions and will help some for the CE101 emissions.

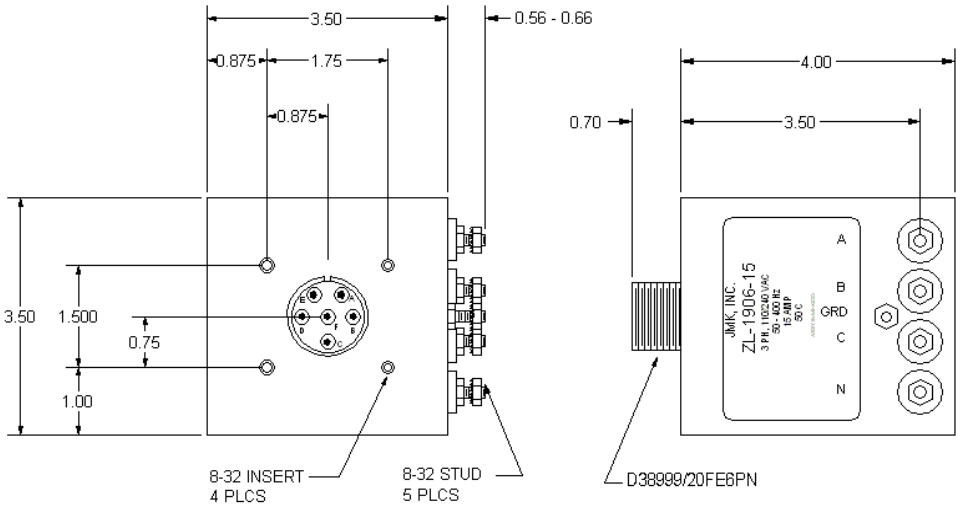
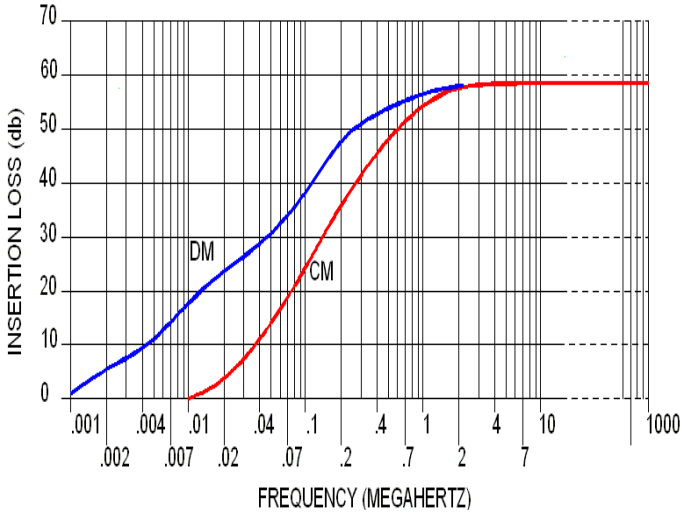
The filter also has significant transient suppression to ensure meeting the requirements of CS116 or a nearby lightning strike.

If the filter will be used only with a 125Vac input, some adjustment can be made to the transient suppression devices to lower the clamping voltage.



Operating Voltage = _____ 3Ph, 125 Vac, 50 - 400 Hz
 = _____ 3Ph, 250 Vac, 50/60 Hz
 Max. Operating Current = _____ 15 Amp per Phase
 Operating Temperature = _____ -40 - 50°C
 Storage Temperature = _____ -55 - 100°C
 Diel. Withstand (Line - Case) = _____ 1500 Vac (1 Min)
 Diel. Withstand (Line - Neut) = _____ 1500 Vdc (1 Min)
 Capacitance (Each line - case) = _____ 0.02 μF Max
 Transient Energy Absorption 8/20 μsec = 130 Joule/Line
 Minimum Varistor clamping Voltage = _____ 354 Volt
 No load Current (Line - Neut) =
 0.25A max @ 125V, 60Hz
 1.60A max @ 125V, 400Hz
 Leakage Current = _____ 125V, 60 Hz, 2.25 mA Max
 = _____ 125V, 400 Hz, 15.1 mA Max
 = _____ 250 V, 50 Hz = 3.75 mA Max
 (L/L) Discharge Voltage after Disconnect from Power =
 110V: 30 Volt Max after 2.0 sec
 Calculated MTBF = _____ 489,004 hrs GB @ 30°C

INSERTION LOSS vs. FREQUENCY



USA JMK Inc 15 Caldwell Dr. Amherst, NH 03031 PH: 603 886-4100 FX: 603 886-4115
 email: info@jmkfilters.com
 EUR JMK Inc Glasgow G13 1DN Scotland UK PH: 44-(0) 7785310729 Fax: 44-(0) 141 589 1884