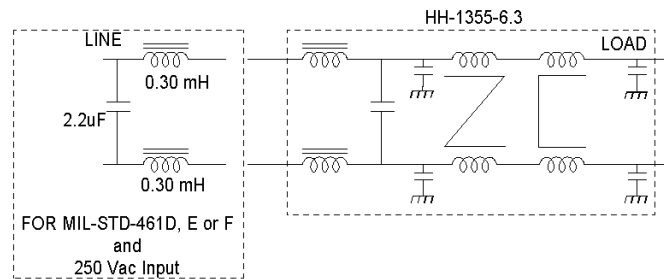


The HH-1355-6.3C filter has been designed to operate with the VICOR Harmonic Attenuator Module (HAM). This filter was specifically designed to allow the Vicor HAM and associated power converters to meet Mil-Std-461C or Mil-Std-461D, E & F. The enclosure mounting, and pin configuration are identical to the enclosure for the standard HAM filter. It will be necessary to add transient protection across the output of the filter to protect the HAM module. It is recommended that you use 5%, bipolar TVS diodes. 2 x 130V and 1 x 150V diodes connected in series.

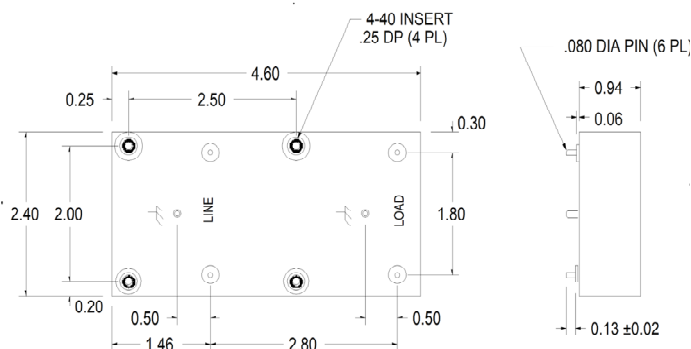
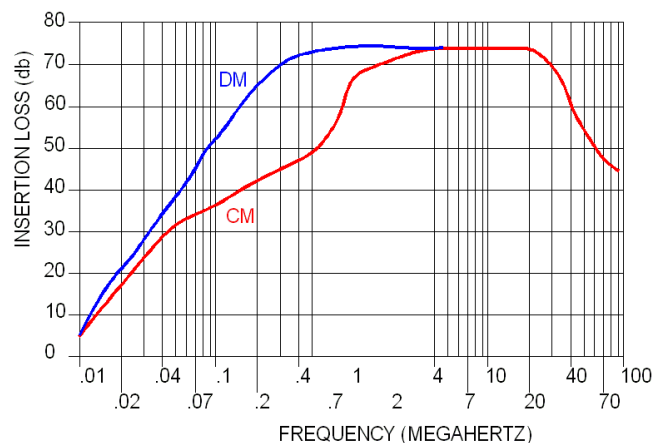
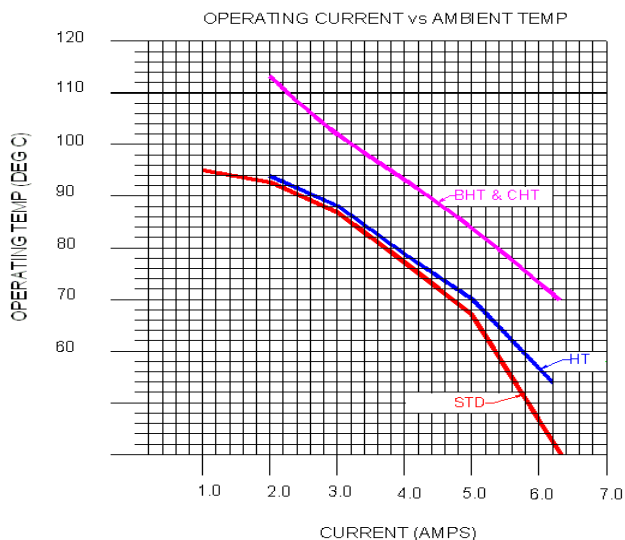
The HAM will meet Mil-Std-461C with the HH-1355-6.3 with voltage inputs of 125 or 250 Vac.

It will also meet Mil-Std-461D,E, or F with a 125 volt input.

Additional circuitry is required on the input in order to meet Mil-Std-461D, E, & F if 250 volts is the input voltage. The additional circuitry is shown on the schematic.



0.30 mH inductor = JMK p/n HH-1469-6.3
 2.2 uF capacitor = Roederstein F1772-512-2030
 = Okaya PA225L30
 = or equiv.



Operating voltage _____ 85 to 250 V~
 Operating current _____ 6.3 Amp
 Operating frequency _____ 50/400 Hz
 Operating temperature, High _____ See temp.curve
 Operating temperature, Low _____ -20° C, Std
 _____ -40° C, HT & BHT
 _____ 55° C, CHT
 Diel. withstanding (line - case) _____ 1500 Vac
 Diel. withstanding (line - line) _____ 1500 Vdc
 Leakage current _____ 2.5 ma @ 220 V, 60 Hz
 Max residual voltage after 1 sec _____ 34 Volts
 The filter is available in both the standard model and three wider temperature range models.
 The temperature ranges at full load are listed below:
 HH-1355-6.3 _____ (-20—40° C)
 HH-1355-6.3HT _____ (-40—55° C)
 HH-1355-6.3BHT _____ (-40—70° C)
 HH-1355-6.3CHT _____ (-55—70° C)