

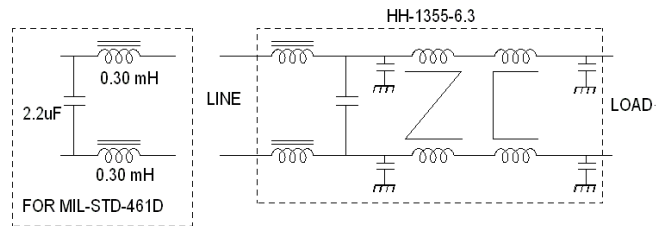
The HH-1355-6.3C filter has been designed to operate with the VICOR Harmonic Attenuator Module (HAM). This filter was specifically designed to allow the Vicor HAM and associated power converters to meet Mil-Std-461C or Mil-Std-461D & E.

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.

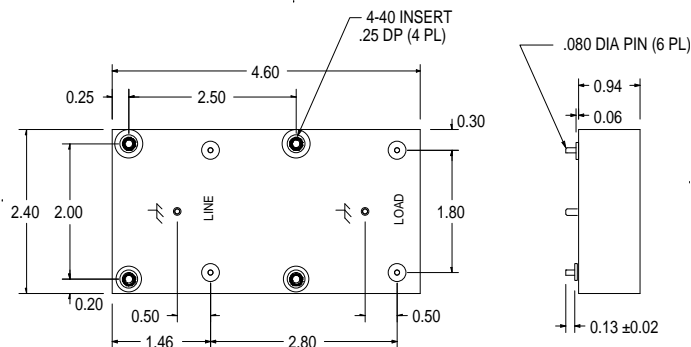
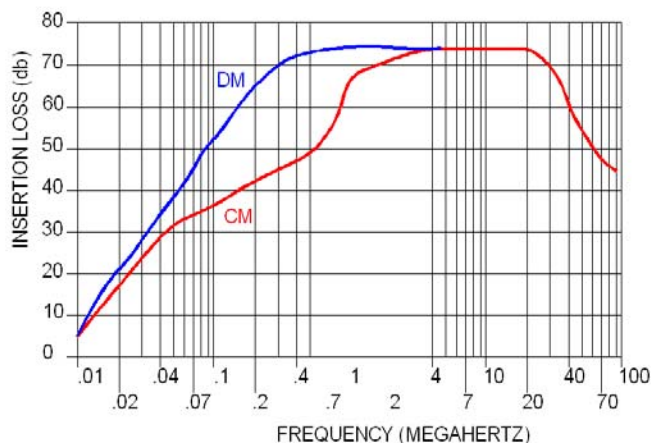
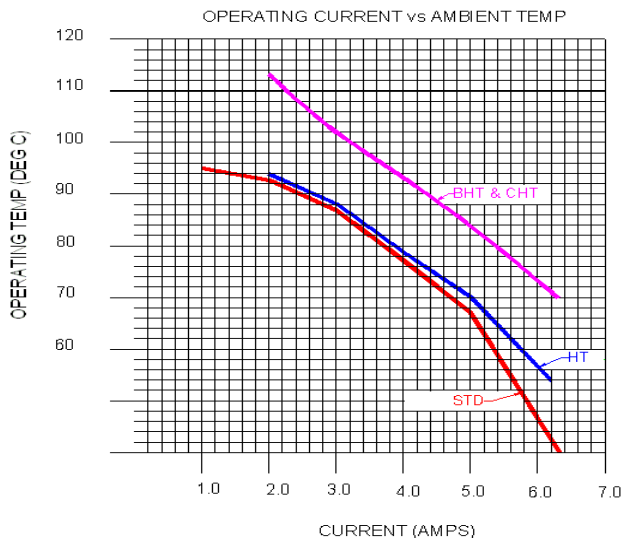
The HAM will meet Mil-Std-461C with the HH-1355-6.3 with voltage inputs of 125 or 250 Vac.

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)