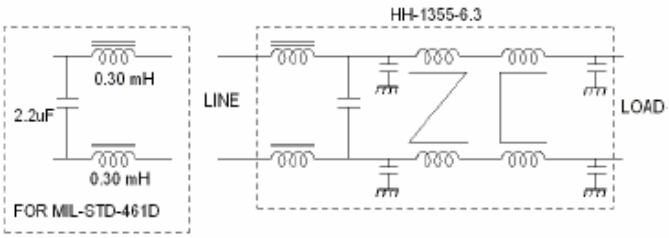
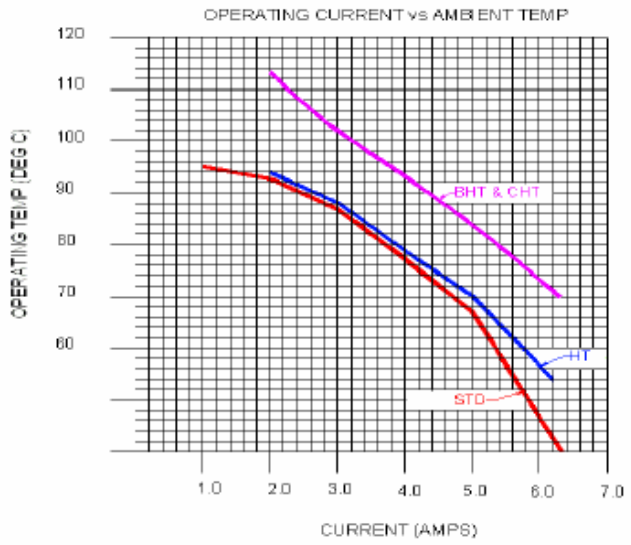
JMK. Inc.

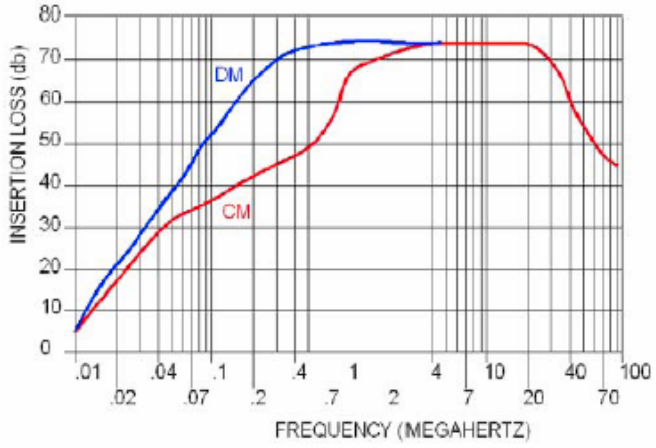
HH-1355-6.3 SERIES

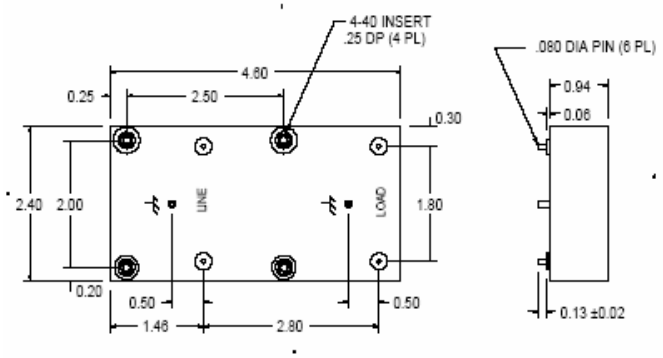
The HH-1355-6.3C filter has been designed to operate with the VICOR Harmonic Attenuator Module (HAM). This filter was specifically designed to allow the Vicor HAM and associated power converters to meet Mil-Std-461C or Mil-Std-461D & E.
The enclosure mounting, and pin configuration are identical to the 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.
Additional circuitry is required on the input in order to meet Mil-Std-461E. The filter is available in both the standard model and three high temperature models.
The temperature ranges at full load are listed below
HH-1355-6.3_____(-20—40º C)
HH-1355-6.3HT____(-40—55º C)
HH-1355-6.3BHT___ (-40—70º C)
HH-1355-6.3CHT___ (-55—70º C)



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

Applicable Specifications_____Mil-Std-461C
Mil-Std-461E

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