



FM SERIES

10 AMP and 20 AMP

FILTER MODULE



FEATURES

- * Compact Size 2"x1", 2"x1.6"
- * PCB Mount
- * 10A and 20A Filter Module
- * 75VDC Input Voltage Maximum
- * Suitable for use with Half Brick And Quarter Brick Series



MODEL NUMBER	INPUT VOLTAGE	INPUT SURGE VOLTAGE	OUTPUT RATED CURRENT	DC RESISTANCE (+Vin to +Vo)	DC RESISTANCE (-Vin to -Vo)
FM10-100	75 VDC max.	100 VDC max.	10 A max.	11.5 mΩ typ.	4.5 mΩ typ.
FM20-100	75 VDC max.	100 VDC max.	20 A max.	9.5 mΩ typ.	5.7 mΩ typ.

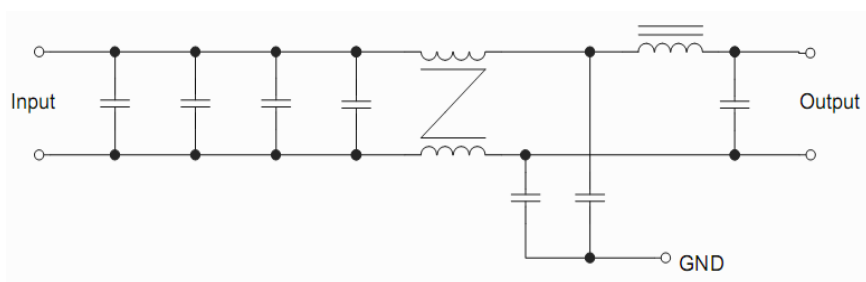


Figure1 Internal Schematic for FM10-100 Module

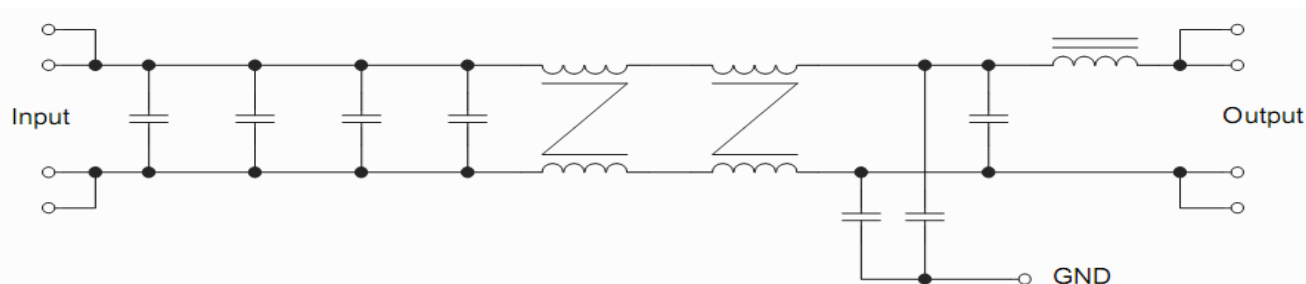


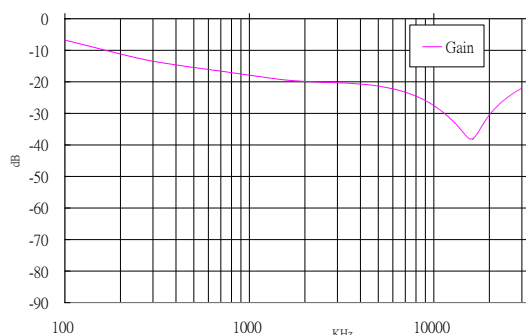
Figure2 Internal Schematic for FM20-100 Module

INPUT SPECIFICATIONS:

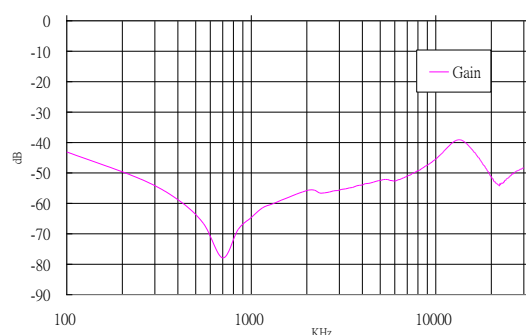
GENERAL SPECIFICATIONS:

NOTE :

Typical Derating curve for Natural Convection (20LFM)

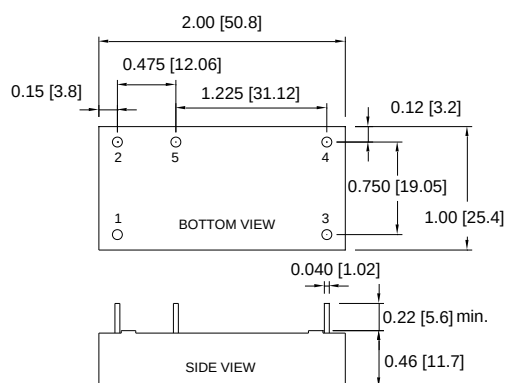


Differential-Mode Insertion Loss



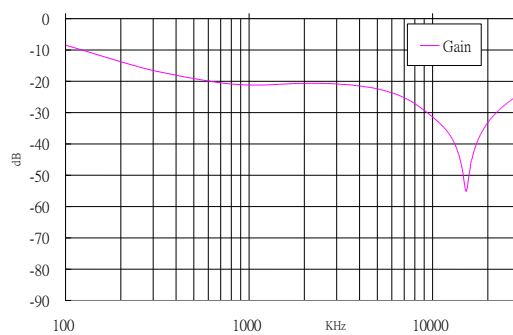
Typical Common-mode and Differential-mode Loss for FM10-100

DIMENSIONS:
NOTE: Pin Size is 0.04" Inch (1.02mm) DIA
All Dimensions In Inches (mm)
Tolerances Inches: X.XX= ±0.02 , X.XXX= ±0.010
 Millimeters: X.X= ±0.5 , X.XX=±0.25

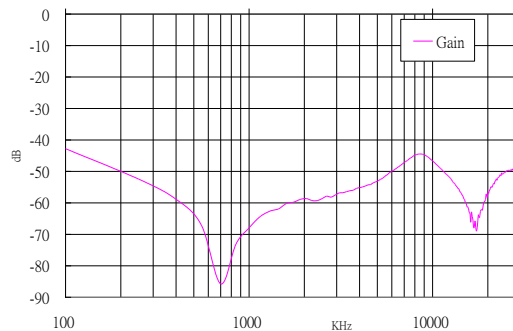


FM10-100 Package

Common-Mode Insertion Loss

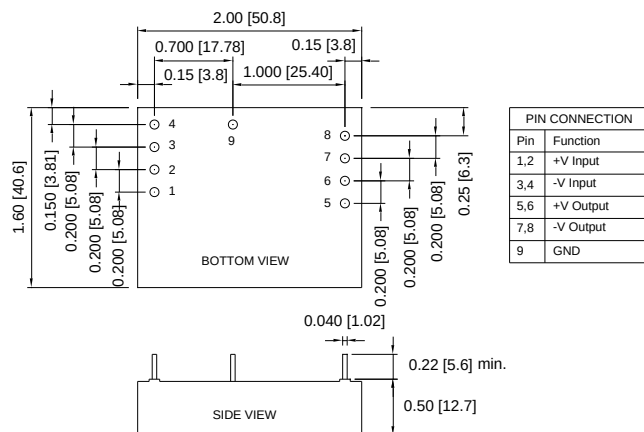


Differential-Mode Insertion Loss



Typical Common-mode and Differential-mode Loss for FM20-100

DIMENSIONS:
NOTE: Pin Size is 0.04" Inch (1.02mm) DIA
All Dimensions In Inches (mm)
Tolerances Inches: X.XX= ±0.02 , X.XXX= ±0.010
 Millimeters: X.X= ±0.5 , X.XX= ±0.25



FM20-100 Package