

M-FIAM7/M-FIAM7B

FILTER INPUT ATTENUATOR MODULE

MILITARY

FEATURES

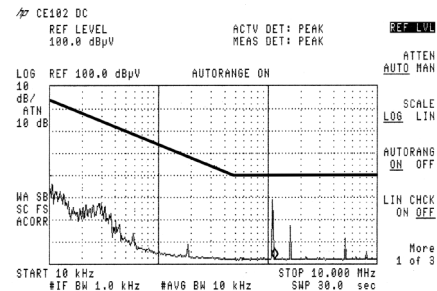
- EMI filtering per MIL-STD-461E
- Transient protection- MIL-STD-1275A/B/D, MIL-STD-704A-F and DO-160E
- Environments-MIL-STD-810, MIL-STD-202
- Environmental stress screening
- Low profile mounting options
- Output power up to 400 W
- Mini sized package
- Inrush current limiting
- Reverse polarity protection



PRODUCT INFORMATION

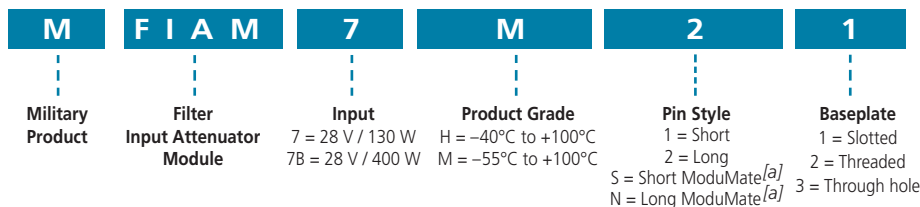
The **M-FIAM7** and **M-FIAM7B** are DC front-end modules that provides EMI filtering and transient protection. These products enable designers using Vicor's 28 V DC-DC V•I Chip or VI BRICK modules to meet conducted emission / conducted susceptibility per MIL-STD-461E; and input transients per MIL-STD-1275A/B/D, MIL-STD-704A-F and DO-160E. The M-FIAM7 and M-FIAM7B accept an input voltage of 14 – 50 Vdc and deliver output power up to 400 W.

M-FIAM7 and M-FIAM7B are housed in an industry standard "half-brick" module measuring 2.28" x 2.2" x 0.5" and depending upon model selected, maybe mounted onboard or inboard for height critical applications.



Conducted Noise; M-FIAM7 and MP028F036M12AL + MV036F120M010 DC-DC V•I Chip modules operating at 28 Vdc, 120 W.

PART NUMBERING



^[a] Compatible with SurfMate and InMate socketing system.