7,000V Surface Mount Multiplier

Original Released: 02-27-17
Revised Date: 02-22-21

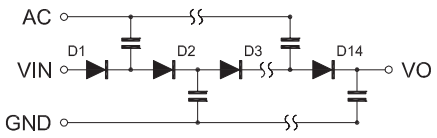
0µA - 50.0µA • 14 Stages

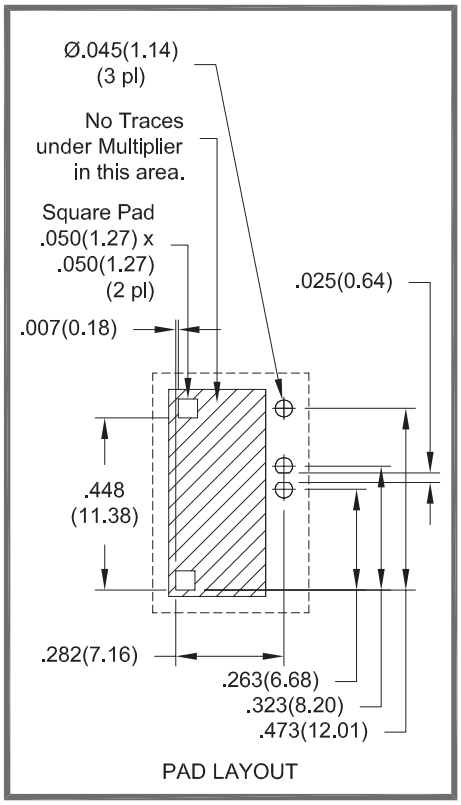
ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS						
Part Number	Maximum A.C. Input Voltage	Maximum D.C. Output Voltage (One Multiplier) (2)	Maximum D.C. Output Voltage (Two Multipliers in Series or Floating) (2)	Typical Output Current Range (1)	Typical Frequency	Number of Stages
	V_{PP}	V_{DC}	V_{DC}	µA	kHz	
VM1726	1200	7000	+ 7000	0 - 50.0	10 - 100	14
Operating Temp: -55°C to +150°C Storage Temp. -55°C to +150°C						

(1) Refer to load lines on next page (2) Over-encapsulation recommended when operating at, or near, rated DC output voltages.

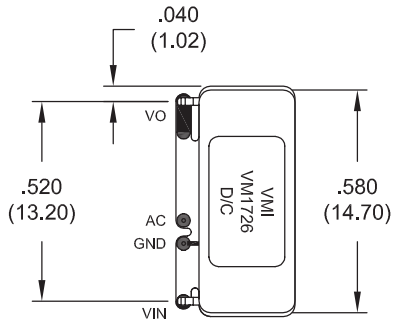
Plating:
Electroless Nickel / Immersion Gold
(ENIG) per IPC-4552.

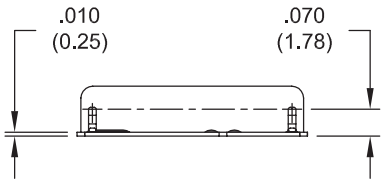
Tolerance:
.XXX ±.010

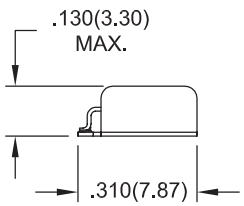


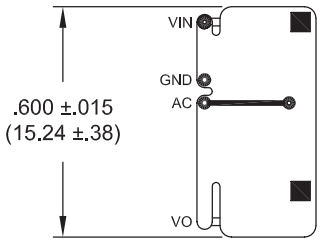


PAD LAYOUT





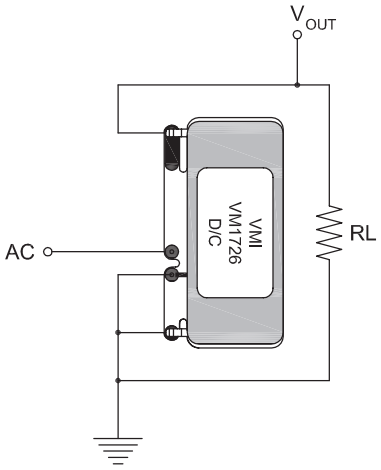




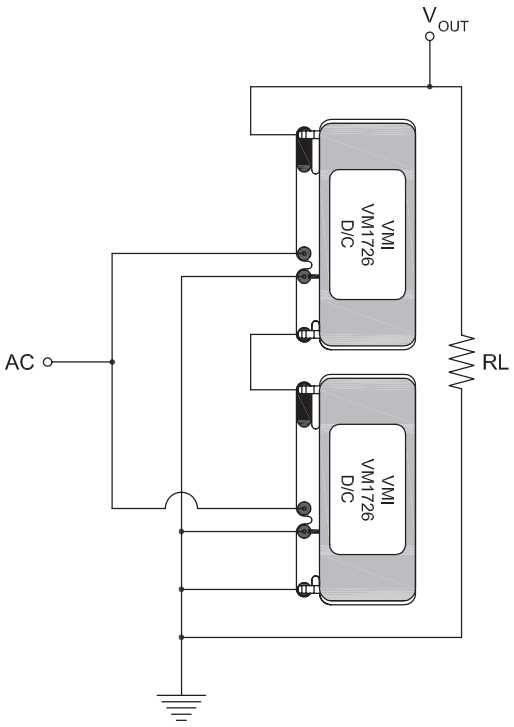
Dimensions: In. (mm) • All temperatures are ambient unless otherwise noted. • Data subject to change without notice.

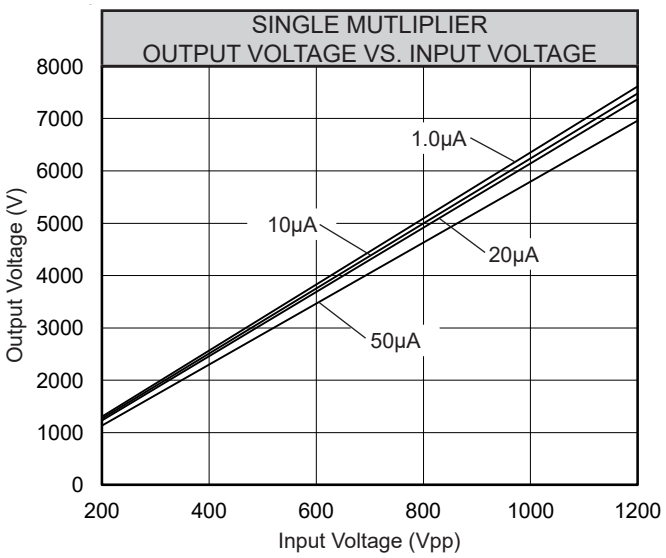
VM 1726

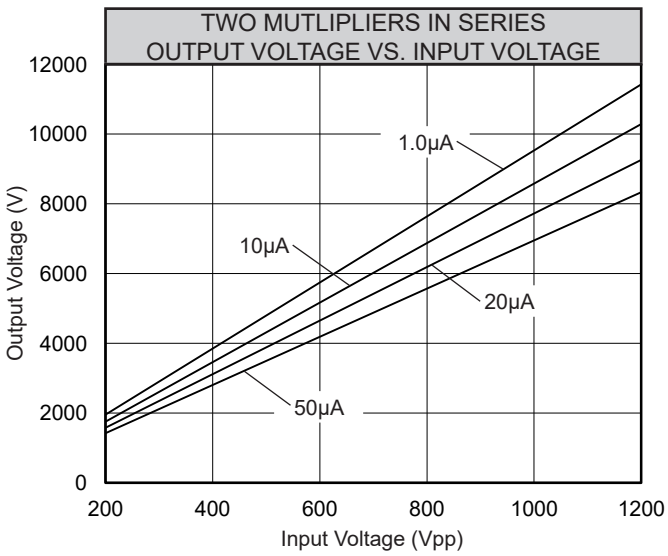
Typical Single Multiplier Circuit



Typical Circuit Showing Two Multipliers in Series







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