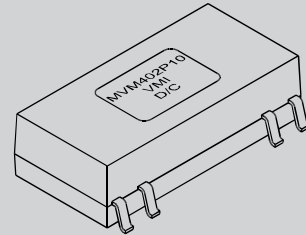
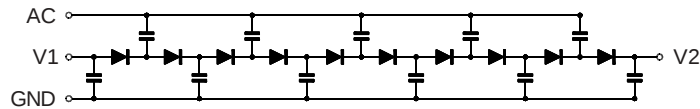


# 4000 V Miniature Hybrid Multiplier

50  $\mu$ A Output Current

10 Stages

**MVM402P10**

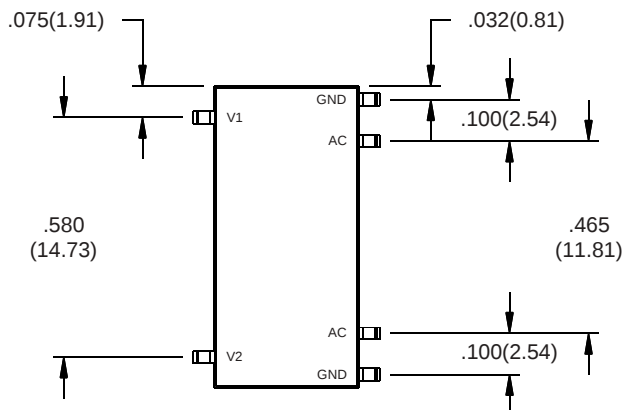


## ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

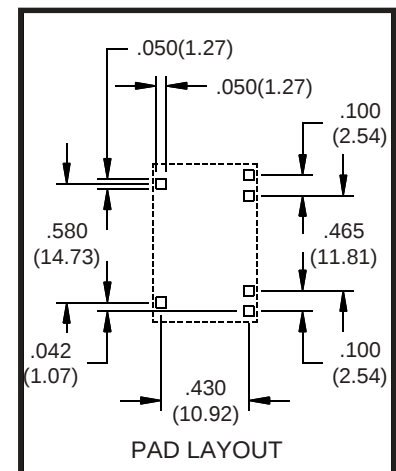
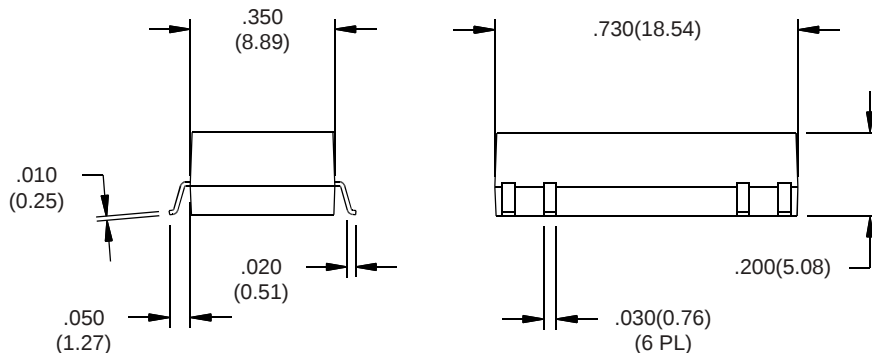
| Part Number | Maximum A.C. Input Voltage | Maximum D.C. Output Voltage | Maximum D.C. Output Voltage<br>(Two Multipliers in Series) | Typical Output Current | Typical Frequency | Number of Stages |
|-------------|----------------------------|-----------------------------|------------------------------------------------------------|------------------------|-------------------|------------------|
|             | $V_{PP}$                   | $V_{DC}$                    | $V_{DC}$                                                   | $\mu$ A                | kHz               |                  |
| MVM402P10   | 900                        | 4000                        | 6000                                                       | 50                     | 10-100            | 10               |

Operating Temp: -55°C to +100°C

Storage Temp: -55°C to +100°C



Plating:  
200-300 $\mu$ in 90/10 tinlead over 50 $\mu$ in nickel.



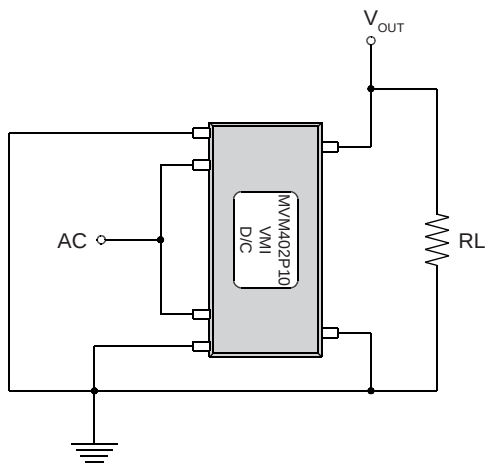
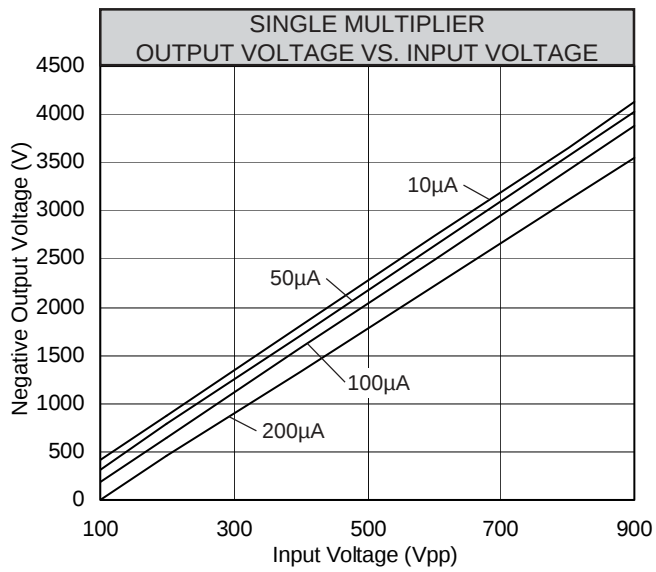
Dimensions: In. (mm) • All temperatures are ambient unless otherwise noted. • Data subject to change without notice.



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# MVM402P10



Typical Single Multiplier Circuit