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December 14, 2020

RE: Multipliers: ENIG Series, PVM, and VM Series – Discontinued Encapsulation Material

Dear Valued Customer,

VMI was recently notified by Hysol that FP4450 and FP4450LV encapsulating materials have been discontinued effective March 2021. These materials are used on a wide range of VMI products including several with government priority rating. VMI has already placed an order for the maximum allowed last time buy and is projected to meet planned production forecast through second quarter of 2021.

The discontinuation notice prompted investigations for suitable alternate encapsulation materials to transition affected products as quickly as possible. VMI has built several styles of evaluation parts using Stycast 2850FT with positive preliminary test results. Complete evaluation testing is expected to run through the end of January 2021. It is expected that many, if not all, of the parts noted below will transition to 2850FT.

The change to 2850FT will not impact the physical characteristics or the electrical performance requirements of the existing designs. At this time, however, the temperature range of operation and storage is limited to -55C to +125C. Further evaluation testing is intended to investigate extending the upper limit to +150C.

Due to priority allocations, change to alternate encapsulation material will likely begin during the first quarter of 2021 on the following parts:

ENIG Series	PVM	VM Series
- VM1724	- PVM302P08	- VM1447
- VM1725	- PVM302P12	- VM1448
- VM1726		- VM1548
- VM1738		VM1566

We are committed to continuing to supply you with the highest quality products and service to meet your current and future needs. For additional information, please contact Brian Loehner, Production Engineering Manager at bloehner@voltagemultipliers.com.

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