

Long Term Dormant Storage And Hermetic Package Leak Dynamics

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Moisture in Hermetic Enclosures

- Failure mechanisms
- Sources
- Prevalence

Measurements and Limits

- Leak rates, TM 1014
- Internal gas analysis, TM 1018

Non-hermeticity, Leaks, and Leak dynamics

- Rates and package volumes
- Calculations
- Exchange with external ambients
- Small packages can get wet fast

Conclusions and Suggestions