

# Abstracts

## V-Band GaAs Gunn Diode

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*C. Xiaojian, D. Yanmao and H. Zhenqi. "V-Band GaAs Gunn Diode." 1981 MTT-S International Microwave Symposium Digest 81.1 (1981 [MWSYM]): 245-245.*

The contradictions between the thermal parameters and microwave parasitic parameters in mm-wave Gunn diodes can be released by reasonable assumption for the thermal-conducting model of devices and practical analysis of microwave parasitic parameters. The corresponding formulas and curves are derived to carefully design the configuration parameters of the V-band device and its package.

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