

# Abstracts

## High-Speed, Varactor-Tunable Microwave Filter Element

---

A. Presser. "High-Speed, Varactor-Tunable Microwave Filter Element." 1979 MTT-S International Microwave Symposium Digest 79.1 (1979 [MWSYM]): 416-418.

A varactor-tunable filter element at I-band frequencies is described in which the negative resistance of a GaAs FET is used to overcome varactor losses and attain a high unloaded Q over a 500-MHz frequency band.

 [Return to main document.](#)