

# Abstracts

## Multi-Piezo Film Microwave Acoustic Transducers

*R. Kaul, T.M. Reeder and J.T. Flynn. "Multi-Piezo Film Microwave Acoustic Transducers." 1974 S-MTT International Microwave Symposium Digest of Technical Papers 74.1 (1974 [MWSYM]): 250-252.*

High performance bulk-wave transducers employing alternating half-wavelength thick piezoelectric and acoustically matched metal films have been fabricated to operate in Ku-band. Longitudinal-mode transducers employing zinc oxide and copper films fabricated on sapphire substrates yielded an untuned conversion loss of 25 dB from 8 to above 14 GHz.

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