

# Abstracts

## A High Performance Quartz Package for Millimeter-Wave Applications

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*Y.C. Shih, K. Li, K. Kasel, L. Fong, G. Holz and K. Shalkhauser. "A High Performance Quartz Package for Millimeter-Wave Applications." 1991 MTT-S International Microwave Symposium Digest 91.3 (1991 Vol. III [MWSYM]): 1063-1066.*

A high performance quartz package has been developed for millimeterwave applications. When integrated with a 50-ohm through-line, the 0.25-inch long package was measured with an insertion loss less than 1.2 dB and a return loss better than 15 dB up to 35 GHz.

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