

Abstracts

High Frequency Hermetic Packages Using LTCC

T.-D. Ni, J. DeMarco, D. Sturzebecher and M. Cummings. "High Frequency Hermetic Packages Using LTCC." 1996 MTT-S International Microwave Symposium Digest 96.3 (1996 Vol. III [MWSYM]): 1627-1630.

This paper presents an experimental comparison of stripline versus modified coplanar waveguide transitions for use in high frequency hermetic packages. Low temperature co-fired ceramic is used as the substrate and wall material. It is shown that these hermetic wall transitions have low insertion loss at the design frequency range from 30 GHz to 40 GHz, thus usable for an assortment of millimeter-wave packaging applications.

[Return to main document.](#)