

Abstracts

Miniaturized Stripline Circuitry Utilizing Low Temperature Cofired Ceramic (LTCC) Technology

B.A. Kopp and A.S. Francomacaro. "Miniaturized Stripline Circuitry Utilizing Low Temperature Cofired Ceramic (LTCC) Technology." 1992 MTT-S International Microwave Symposium Digest 92.3 (1992 Vol. III [MWSYM]): 1513-1516.

LTCC substrate material has been successfully used to fabricate a 4 GHz 20-dB stripline coupler with 20 dB directivity and a low second harmonic 4 GHz stripline edge coupled filter. These circuits provide mechanical, size, performance, and cost advantages, when compared to stripline assemblies made from softboard or non-homogeneous materials.

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