

Abstracts

800 MHz Band Face-Bonding Filter Using Dielectric B. D. I. S.

T. Nishikawa, K. Wakino, J. Hattori and Y. Ishikawa. "800 MHz Band Face-Bonding Filter Using Dielectric B. D. I. S.." 1986 MTT-S International Microwave Symposium Digest 86.1 (1986 [MWSYM]): 403-406.

A 800MHz band face-bonding bandpass filter using high K dielectric "Balanced Double Layered Stripline (B. D. L. S.)" construction was developed. This construction suppressed RF leakage almost completely. And excellent temperature stability as high as the dielectric material was obtained. The insertion loss was improved over 20% compared with the conventional microstripline filter. Outer dimensions of the 5-pole filter were 27x11x5mm.

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