

Abstracts

Advances in Low-Cost Manufacturing - Quasi Thin Film Technology Produces Low-Loss MIC-Components

M. Leitner and R. Vahldieck. "Advances in Low-Cost Manufacturing - Quasi Thin Film Technology Produces Low-Loss MIC-Components." 1986 MTT-S International Microwave Symposium Digest 86.1 (1986 [MWSYM]): 427-430.

A unique method of quasi thin film (QTF) MIC fabrication on soft substrate has been developed. The new technology provides finer lines and interspaces narrower than 1.mil with tolerances of typically + 2.microns. The manufacturing process is especially promising for millimeter-wave circuits since transmission line losses and manufacturing tolerances can be reduced significantly.

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