

Abstracts

Packaging of Printed-Circuit Lines and its Danger for Narrow Pulse Distortion

H. Shigesawa and M. Tsuji. "Packaging of Printed-Circuit Lines and its Danger for Narrow Pulse Distortion." 1994 MTT-S International Microwave Symposium Digest 94.3 (1994 Vol. III [MWSYM]): 1689-1692.

We report here a new behavioral feature of a narrow pulse transmitted on a coplanar waveguide (CPW), putting the special stress on the effects caused by the packaging of such a waveguide. An explanation based on the power-leakage effect leads to a clear physical understanding of why such features necessarily appear.

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