

Abstracts

The Influence of Metallization Thickness and Mounting Grooves on the Characteristics of Finlines

R. Vahldieck and W.J.R. Hoefer. "The Influence of Metallization Thickness and Mounting Grooves on the Characteristics of Finlines." 1985 MTT-S International Microwave Symposium Digest 85.1 (1985 [MWSYM]): 143-144.

The influence of metallization thickness and mounting grooves in unilateral and bilateral fin-lines is investigated with a fully hybrid mode analysis. The effect of these parameters on both the dominant mode propagation and the operating bandwidth can be significant and must be considered for accurate design.

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