

Abstracts

Analysis of Double-Layered Finlines Containing a Magnetized Ferrite (Dec. 1987 [T-MTT])

M. Geshiro and T. Itoh. "Analysis of Double-Layered Finlines Containing a Magnetized Ferrite (Dec. 1987 [T-MTT])." 1987 Transactions on Microwave Theory and Techniques 35.12 (Dec. 1987 [T-MTT] (1987 Symposium Issue)): 1377-1381.

The characteristics of propagation of the dominant mode in magnetized-ferrite-loaded double-layered finlines are studied. The analysis is based on Galerkin's method applied in the Fourier transform domain. Numerical results are presented for various values of structural and material parameters.

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