

# Abstracts

## A method of effective use of ferrite for microwave absorber

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*Y. Kotsuka and M. Amano. "A method of effective use of ferrite for microwave absorber." 2001 MTT-S International Microwave Symposium Digest 01.2 (2001 Vol. II [MWSYM]): 1187-1190 vol.2.*

To meet the demands of various types of EM-wave absorber, a method of effective use of conventional ferrites for microwave absorber applications is investigated both by FDTD analysis and experiments. The effects of various kinds of parameters are clarified, particularly for permeability. A new matching characteristic is realized simply by punching out small holes in the conventional rubber ferrite without producing a new ferrite material in the region of the microwaves.

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