

Abstracts

The Microwave Properties of Adhesively Bonded Aluminum Foil Seams (Correspondence)

W. Rueggeberg. "The Microwave Properties of Adhesively Bonded Aluminum Foil Seams (Correspondence)." 1967 Transactions on Microwave Theory and Techniques 15.2 (Feb. 1967 [T-MTT]): 117-118.

Various interests prompted the electrical evaluation of adhesively bonded aluminum foil seams at microwave frequencies. Since epoxy resin adhesives are virtually free of volatile constituents, they are ideally suited to this application because of the vapor proof metallic boundaries containing the adhesive film. A general purpose aluminum foil of one film thickness was used for all tests, whereas the two epoxy adhesives consisted of a conventional formulation and a silver particle filled modification.

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