

# Abstracts

## Inexpensive Mixers for Hi-Rel Commercial Markets

*H. Kaylie and R. Setty. "Inexpensive Mixers for Hi-Rel Commercial Markets." 1993 MTT-S International Microwave Symposium Digest 93.1 (1993 Vol. I [MWSYM]): 121-122.*

Cellular and PCN markets are challenging manufacturers to reduce cost and improve reliability at the same time. To address these requirements an all weld, shielded metal case mixer was developed. Internal components were redesigned for manufacturability and improved reliability. The resultant product is lower in cost than a conventional mixer. Life tests indicate that the reliability goal (5 years) has been well exceeded.

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