

WJ Variable Amplifier

BACKGROUND INFORMATION

Task: Obsolescence Mitigation. Design Form, Fit and Functional Replacement

System Used in: USAF AN/MPQ-T3 Radar Simulator Training Set.

Brief Description: This is a low power variable amplifier.

Program: Several
Customer: USAF

Results: Designed and built within budget and on time.

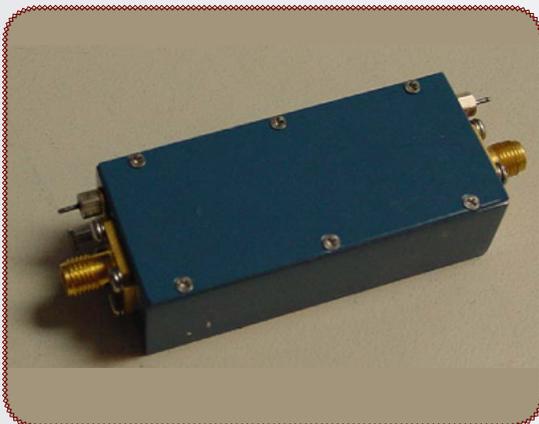
Specifications

- Gain: ≥ 47.5 dBm
- Frequency Range: 50-70 MHz
Flatness: < 3 dB
- Input Levels: P1dB@18dBm
Voltage: 15V
- Control Voltage: 0-15 V

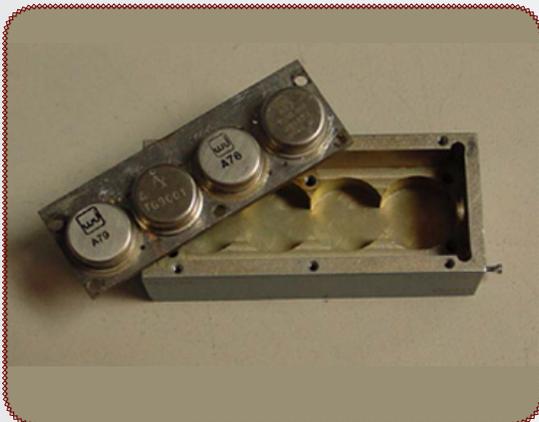
Features:

Manufacturer: Micro USA, Inc.

Cage Code: 02UU8



Completed Assembly



Top View Open