GENERAL DESCRIPTION

The RK7521 is a small low power pulsed magnetron tunable over the range 8900 to 9400 megacycles. The RK7521 is designed primarily for small portable ground equipment or aircraft equipment.

MECHANICAL DATA

- Magnet: Integral
- Mounting Position: Any
- Weight: Less than 1.5 Pounds
- Cooling: None Required
- Output Coupling: Mates with UG40A/U
- Input Connections: BNC

TYPICAL ELECTRICAL DATA

- Heater Voltage: 5 Volts
- Heater Current: .45 Amperes
- Pulse Duration: 2 Microseconds
- Duty Cycle: .001
- Peak Anode Voltage: 4.3 Kilovolts
- Voltage Rise Time: .09 Microseconds
- Peak Anode Current: .95 Amperes
- Peak Power Output: 950 Watts Minimum
- RF Bandwidth: 2.2
- Life: 300 Hours Minimum

The specifications for this tube have not been finalized. The tube is being manufactured in limited quantities and is available for engineering analysis purposes only. This engineering information and/or delivery of sample tubes do not imply availability of tubes with the same electrical and/or mechanical characteristics. Changes in ratings and/or dimensions may be made at our discretion as deemed advisable by manufacturing experience or other considerations. For current information concerning this tube contact the nearest Microwave and Power Tube Regional Sales Representative.