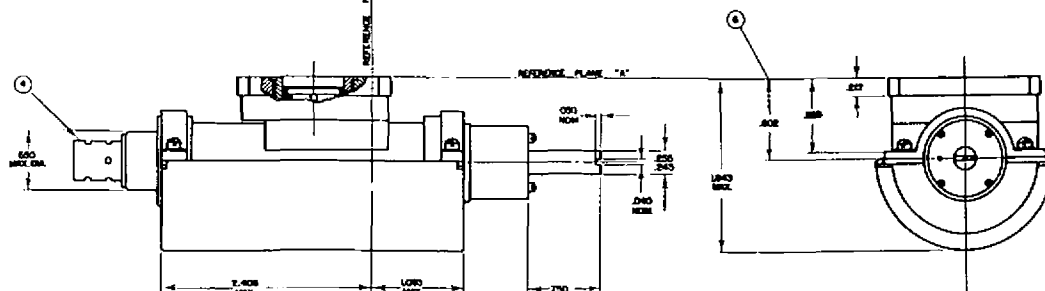
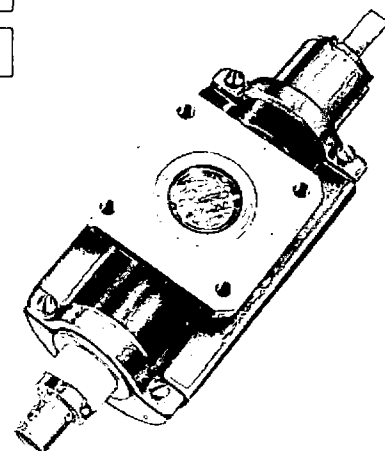
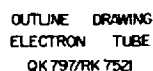


DATA SHEET



- NOTES**
1. REFERENCE PLANE "A" IS DEFINED AS A PLANE PARALLEL ALONG THE FACE OF THE 1/4" HIGH PLATE.
 2. REFERENCE PLANE "B" IS DEFINED AS A PLANE PERPENDICULAR TO PLANE "A" PASSING THROUGH THE CENTER OF MASS AS SHOWN.
 3. REFERENCE PLANE "C" IS DEFINED AS A PLANE MUTUALLY PERPENDICULAR TO PLANE "A" & "B" PASSING THROUGH CENTER OF THE NUTS AS SHOWN.
 4. AS-20 JIVE AIR MNC PIVOT JAG.
 5. DISK OF 1/4" DIA. CENTERED ON THE LATERAL EXTENSION.
 6. PARTS ON PER CENTRIFUGAL MAT RAST FROM "HSE LOCATION BY 1/8" MAXIMUM.
 7. TO BE COMPLIED TO AS-20-G-8/10 STABILIZED ORDER PLANE COR PL.
 8. MAXIMUM AIRS TEMPERATURE AT THIS POINT.
 9. PIVOT DIAMETER TO ACCEPT 30-32 MC "G" GAUGE ONLY. KRON DIAMETER OF THREAD 1/8" DIA.
 10. REFERENCE PLANE "D" IS DEFINED AS A PLANE PERPENDICULAR TO PLANE "A" & "B" PASSING THROUGH THE CENTER OF THE NUTS AS SHOWN.

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.

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

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
	<u>tpc</u>
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.