

Reservation No. _____

Registration No. _____

Reservation Date _____

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Type 721-B

Gas Switching Tube

General Characteristics

Electrical

Frequency Range	2800-3330 Mc.
Intrinsic Q	2500 (min.)
Ignitor Current	85 uAdc
Recovery Time (Note 1)	7 usecs (max.)

Note 1: Recovery time measured as follows:

F=2800 to 3330 Mc; magnetron Po=50 Kv; pulse
rate = 1000 pps; tp=1.0 usec (R-F); SWR=1.2 (mag. load)

Mechanical

Ionizable Medium	Hydrogen
Number of Electrodes	Three
Maximum Overall Height	(See Outline Drawing)
Maximum Diameter	" " "
Bulb	" " "
Mounting Position	any

Maximum Ratings

Peak Dissipation	100 watts
Average Dissipation	1 watt
Ionization Current	200 uAdc
Ignitor Open Circuit	-800 to -1000 Vdc

Note 2: A special disc processing increases life by a factor of 4 - 1 in comparison with the type 721A.

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Sponsor: Raytheon Manufacturing Company Waltham, Mass.-

