

Feb. 12, 1943



2J35 MAGNETRON

TRANSIT-TIME, SPLIT-PLATE TYPE WITH STABILIZING ELECTRODES
AND INTERNAL CIRCUIT
Wavelength of 10 cm approx.

Filament	Tungsten	
Voltage	1.8	a-c or d-c volts
Current	2.0	amp.
Overall Length		6-5/16" ± 1/4"
Seated Height		5-11/16" ± 1/4"
Maximum Diameter		1-7/16"
Bulb		T-10
Base		Medium 4-Pin
Mounting Position		Any

Maximum Ratings Are Absolute Values

MAXIMUM RATINGS and TYPICAL OPERATING CONDITIONS

D-C Plate Voltage	1000 max. volts
D-C Stabilizing-Electrode Voltage	750 max. volts
D-C Plate Current	5 max. ma.
D-C Stabilizing-Electrode Current	13 max. ma.

Typical Operation at 10 cm approx.:

Filament Voltage *	1.8	1.8	volts
D-C Plate Voltage	900	1000	volts
D-C Stabilizing-Electrode Voltage	550	650	volts
D-C Plate Current	4	4	ma.
D-C Stabilizing-Electrode Current	6	10	ma.
Magnetic Field Intensity *	1300	1300	gausses
Power Output (approx.)	0.9	1	watt

* Adjusted for optimum performance.

