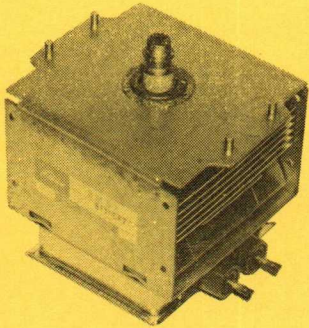




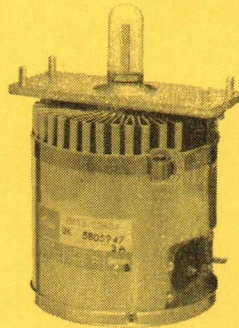
# TOSHIBA

## CW MAGNETRONS

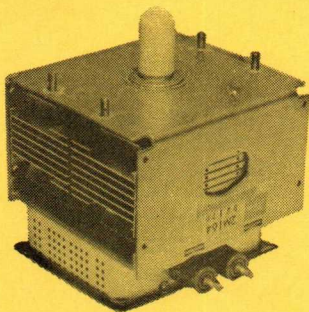
FOR MICROWAVE OVENS AND  
INDUSTRIAL PROCESSING



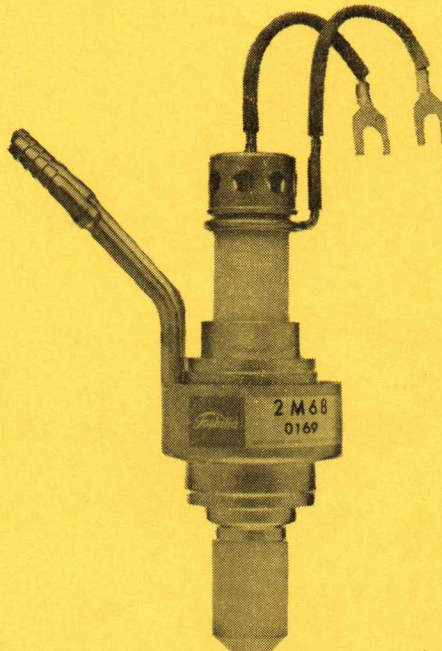
2M57  
2M151



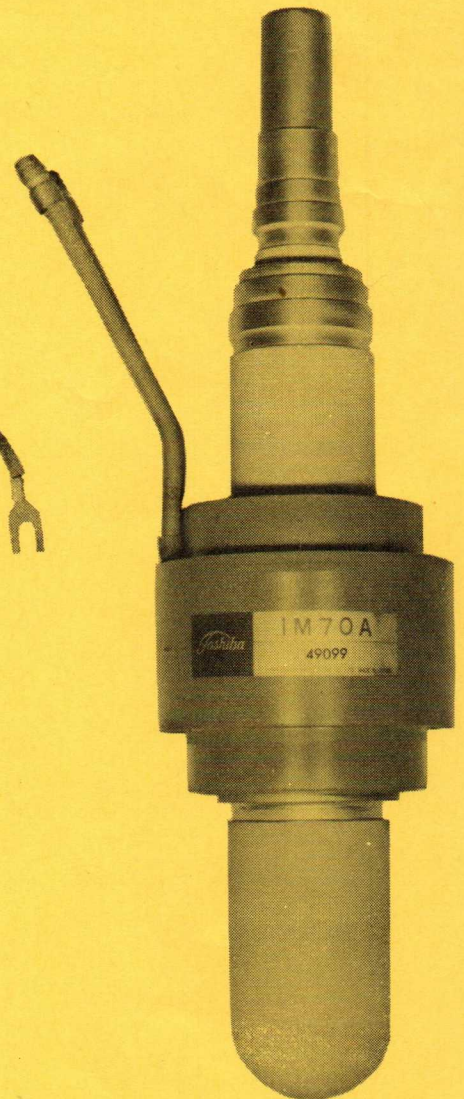
2M53



2M164



2M68



1M70A



# TOSHIBA CW MAGNETRONS

Type	Frequency (MHz)	Output Power (W)	Filament		Typical Operation			Magnetic Field	Cooling	Applications
			Voltage (V)	Current (A)	Peak Anode Voltage (kV)	Average Anode Current (mA <sub>dc</sub> )	Filament Voltage (V)			
2M151	2450	630	** 3.15	13	3.2	300	3.15	FM	HA	Low power consumer oven
2M53	2450	830	** 3.15	13	4.0	300	3.15	AM	VA	Consumer oven
★ 2M54	2450	830	** 3.15	13	4.0	300	3.15	AM	HA	
2M57	2450	830	** 3.15	13	4.0	300	3.15	FM	HA	
★ 2M69	2450	1400	** 5.0	20	2.5	1000	5.0	AM	VA	Commercial oven
2M164	2450	1300	** 4.0	20	3.5	550	4.0	FM	HA	Commercial and high power consumer oven
★ 2M60A	2450	4.8K	* 9.0	75	6.5	1400	3.0	EM	WA	Industrial processing
2M68	2450	5.3K	9.0	47	6.5	1200	5.0	EM	WA	
1M70A	915	30K	13.0	115	12.5	2800	*** 93A	EM	WA	Large scale industrial processing

\* Indirectly heated cathode    \*\* Filter included    \*\*\* Filament current    ★ For replacement only

AM Alnico magnet packaged    FM Ferrite magnet packaged    EM Electro-magnet required

HA Horizontal forced air cooled    VA Vertical forced air cooled    WA Water and forced air cooled



## TOSHIBA

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