

# SYLVANIA ELECTRIC

RMA Registration Data

## TYPE 5791

### ATR GAS SWITCHING TUBE

The Type 5791 is a fixed tuned ATR gas switching tube with an operational band covering 34,160 to 35,560 megacycles.

#### RATINGS

Maximum Transmitter Peak Power .....	100	kilowatts
Ambient Temperature .....	-40 to + 100	degrees centigrade

#### CHARACTERISTICS

Frequency Band .....	34,160 to 35,560	megacycles
High Level VSW Ratio (at 34,860 megacycles) .....	1.1	
Maximum Normalized Equivalent Conductance .....	0.150	
Maximum Loaded Q .....	7.5	
Normalized Tuning Susceptance .....	$\pm 0.07$	
Firing Time .....	10	seconds
Arc Loss .....	0.7	decibel
Conditions:		
Peak Power Input .....	4	kilowatts
Pulse Repetition Rate .....	2,000	pulses per second
Pulse Width .....	0.3	microsecond
Frequency .....	34,860	megacycles

#### DIMENSIONS

(See outline, page 2)

from RMA release #760, May 27, 1949

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