



ELECTRONIC TUBE REFERENCE

5949A

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
THYRATRON

Three-electrode hydrogen-filled zero-bias thyatron for high-power pulse generation in radar modulators, providing rapid high-current discharge switching.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 18.5 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Thyatron*No fixed ratings recorded.*

Three-electrode hydrogen-filled zero-bias thyatron for high-power pulse generation in radar modulators.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1961 Tung Sol

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1961 TUNG SOL

Section 1 · Thyatron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak Anode Voltage Forward	25 kV	—
Peak Cathode Current	500 A	PulseService
PulsePower	6.25 MW	RadarModulator