

ELECTRONIC TUBE REFERENCE

T11

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION  
CONSTRUCTION  
THYRATRON

Three-electrode thyatron for controlled gas-discharge switching. Available source material confirms thyatron construction without a narrower application.

GENERAL CHARACTERISTICS

|                     |                   |                      |               |
|---------------------|-------------------|----------------------|---------------|
| BASE DESIGNATION    | —                 | BASE PINS            | 5             |
| NOMINAL HEATER      | 4 V / 1.2 A       | PARALLEL HEATER      | — / —         |
| HEATING             | Indirect          | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar       |

SECTION RATINGS

|                                                                                                            |
|------------------------------------------------------------------------------------------------------------|
| SECTION1 Thyatron                                                                                          |
| No fixed ratings recorded.                                                                                 |
| Thyatron section; peak anode current 300 mA, sweep output 700 V peak-to-peak, gas drop approximately 15 V. |

Three-electrode mercury-vapour thyatron for time-base and grid-controlled rectifier service.

## SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

# 1960 Mazda

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

1960 MAZDA

## Section 1 · Thyatron

| OTHER                           |                 |                  |
|---------------------------------|-----------------|------------------|
| PARAMETER                       | PUBLISHED VALUE | CONDITION / NOTE |
| Peak anode current              | 300 mA          | —                |
| Maximum sweep output            | 700 Vpp         | —                |
| Peak voltage between electrodes | 700 V           | —                |
| Maximum time-base frequency     | 5 kHz           | —                |

| CHARACTERISTIC   |                 |                  |
|------------------|-----------------|------------------|
| PARAMETER        | PUBLISHED VALUE | CONDITION / NOTE |
| Gas voltage drop | 15 V            | —                |