

ELECTRONIC TUBE REFERENCE

20A3

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TETRODE

Gas tetrode thyatron for relay service. Controlled discharge provides heater-driven electronic switching and relay action.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 600 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Tetrode	
MAXIMUM PLATE VOLTAGE	650 V
MAXIMUM CATHODE CURRENT	100 mA
PEAK INVERSE VOLTAGE	1300 V
FORWARD VOLTAGE DROP	8 V
REDO promoted-field audit	

Thyatron gas tetrode for gas-relay 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 · Tetrode

CONSTRUCTION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filling	Gas	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1961 AEI Industrial Valves

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

1961 AEI INDUSTRIAL VALVES

Section 1 · Tetrode

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum forward anode voltage	650 V	—
Maximum peak inverse anode voltage	1300 V	—
Maximum peak cathode current	500 mA	—
Maximum shield-grid voltage	-100 V	—
Maximum control-grid voltage	-100 V	—
Minimum heater warmup time	10 s	—



1961 Associated Electrical Industries

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

1961 ASSOCIATED ELECTRICAL INDUSTRIES

Section 1 · Tetrode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum forward anode voltage	650 V	—
Maximum peak inverse anode voltage	1300 V	—
Maximum peak cathode current	500 mA	—

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes, and their source documents.

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