

ELECTRONIC TUBE REFERENCE

ASG6574

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
THYRATRON

Indirectly heated inert-gas tetrode thyatron with control and screen grids, designed for grid-controlled switching and power-conduction applications.

GENERAL CHARACTERISTICS

BASE DESIGNATION	B6-3	BASE PINS	—
NOMINAL HEATER	6.3 V / 950 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION0	Thyatron
MAXIMUM PLATE VOLTAGE	650 V
Tetrode thyatron; switching/recovery limits are preserved in parameters.	

Indirectly heated inert-gas tetrode thyatron with control and screen grids.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 AEG

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

1953 AEG

Section 0 · Thyatron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
PeakAnodeVoltage	650 V	—
Peak Inverse Voltage	1300 V	—
Peak Anode Current	2 A	—
Average Anode Current	300 mA	—
SurgeCurrent	10 A	0.1s maximum

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
ArcDrop	10 V	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid Anode Capacitance	0.03 pF	—
GridFilamentCapacitance	2.1 pF	—
AnodeFilamentCapacitance	2.7 pF	—