ELECTRONIC TUBE REFERENCE

ASG5823A

Specialized - Thyratron electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
THYRATRON

Cold-cathode inert-gas triode with starter electrode for switching and discharge-control service, providing heaterless triggered operation in control circuits.

General characteristics

BASE DESIGNATION	B7G	**BASE PINS**	7
NOMINAL HEATER	– / –	**PARALLEL HEATER**	– / –
HEATING	Indirect; cold cathode	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION 0 Thyratron

MAXIMUM CATHODE CURRENT	25 mA

Cold-cathode gas-switch section; published ignition and maintaining data are in parameter rows.

Cold-cathode inert-gas triode with starter electrode for switching and discharge-control service.

SOURCE OPERATING CONDITIONS

1953 AEG

SOURCE PDF

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

1953 AEG

Section 0 · Thyratron

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
StarterIgnitionVoltage	**70 V**	—
Peak Anode Current	**100 mA**	—
Average Anode Current	**5–25 mA**	—

CHARACTERISTIC		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
StarterCurrentToInitiateMainDischarge	**100 uA**	AnodeVoltage=230V
StarterCathodeArcDrop	**60 V**	—
AnodeCathodeArcDrop	**45 V**	—
Ionization Time	**20 us**	—
Deionization Time	**1 ms**	—

TUBE TINKER

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