

Hydrogen thyatron for high-current pulse switching. Controlled gas discharge provides rapid conduction for pulse-power systems.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 6.5 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Thyatron	
MAXIMUM PLATE VOLTAGE	12000 V
NOMINAL OUTPUT CURRENT	200 mA
PEAK FORWARD CURRENT	350 A
WARM-UP TIME	180 s
Applicable promoted fields mapped semantically from the printed ratings; device-specific electrical limits and operating conditions are preserved densely in TUBE_SECTION_PARAMETER.	

Ceramic-metal hydrogen thyatron for compact radar and missile modulators; shared 8765/KU712 designation.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1962 ITT

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

1962 ITT

Section 1 · Thyatron

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	5.8–6.8 V	—
Heater Current	4.5 A–9.5 A	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Minimum Heating Time	3 min	—
Peak Forward Anode Voltage	12000 V	—
Peak Inverse Anode Voltage	12000 V	—
Peak Anode Current	350 A	—
Average Anode Current	200 mA	—

TUBE TINKER

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

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker