

ELECTRONIC TUBE REFERENCE

72900T

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
THYRATRON

Cold-cathode trigger tube for pulse and control circuits. Gas-discharge operation provides abrupt heaterless switching in response to a trigger signal.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 Thyratron
No fixed ratings recorded.
Published ratings/characteristics reviewed.

72900T is listed in the supplied Amperex material as a cold-cathode trigger tube. Published ratings and characteristics were captured from the supplied table.

SOURCE OPERATING CONDITIONS

1963 Amperex Condensed

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

1963 AMPEREX CONDENSED

Section 1 · Thyatron

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode voltage minimum	140 V DC	ColdCathodeTrigger
Anode voltage maximum	200 V DC	ColdCathodeTrigger
AC anode voltage	117 V AC	ColdCathodeTrigger
Starter-to-cathode breakdown voltage minimum	73 V	ColdCathodeTrigger
Starter-to-cathode breakdown voltage maximum	105 V	ColdCathodeTrigger
Anode-to-cathode breakdown voltage	>200 V	ColdCathodeTrigger

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum load current	25 mA	ColdCathodeTrigger
Peak load current	100 mA	ColdCathodeTrigger

TUBE TINKER

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and their source documents.

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