ELECTRONIC TUBE REFERENCE

5589

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
RELAYCONTROLSWITCH

Three-electrode inert-gas-filled cold-cathode control tube with documented starter and anode operating characteristics, intended for heaterless relay and switching applications.

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 RelayControlSwitch

No fixed ratings recorded.

Published promoted values where applicable; special microwave values retained as parameters.

The 5589 is a Western Electric three-electrode inert-gas-filled cold-cathode tube with published starter and anode operating characteristics.

SOURCE OPERATING CONDITIONS

1960 Western Electric Random 2

SOURCE PDF

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

1960 WESTERN ELECTRIC RANDOM 2

Section 1 · RelayControlSwitch

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Direct cathode current, 1000-hour life	**35 mA**	—
Direct cathode current, 10000-hour life	**20 mA**	—

CHARACTERISTICS		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Anode voltage drop	**55–70 V**	Published range

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