

ELECTRONIC TUBE REFERENCE

CK6910

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
SWITCHINGOTHER

Gas-filled cold-cathode high-speed bidirectional decade counter capable of approximately 100 kHz ring stepping with multiple cathode outputs.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	13
NOMINAL HEATER	— / —	PARALLEL HEATER	— / —
HEATING	Indirect; cold cathode	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 SwitchingOther	
MAXIMUM CATHODE CURRENT	1.2 mA
Cold-cathode gas-discharge decade-counter section; conventional gm/rp/mu fields are not applicable.	

Gas-filled cold-cathode 100 kHz high-speed bidirectional ring-stepping decade counter with multiple cathode outputs. The datasheet specifies anode/supply limits, counting frequency, and a typical resistor-biased operating point.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

196X Nixie Random Datasheets

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

196X NIXIE RANDOM DATASHEETS

Section 1 · SwitchingOther

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Total anode current maximum	1.2 mA	—
Voltage between electrodes maximum	140 V	Excluding anode
Supply voltage minimum	400 V	Anode-to-cathode
Input frequency maximum	100000 pps	—
DC supply voltage	450 V	—
Anode resistor	0.27 MΩ	—
Cathode resistor	24000 Ω	—

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Nominal tube drop	235 V	Typical operation
Output voltage	15 V	Across cathode resistor

TUBE TINKER

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and their source documents.

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