

Long-life cold-cathode scale-of-ten counter tube. Sequential gas-discharge transfer provides electronic decade counting for instrumentation and digital systems.

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 CounterSelectorSwitch	
MAXIMUM PLATE VOLTAGE	400 V
MAXIMUM CATHODE CURRENT	0.55 mA
Cold-cathode discharge/counting/display section; published electrical data retained as parameters.	

CV6100 is a long-life scale-of-ten counter, classified as Nixie for this batch. The supplied datasheet describes its cold-cathode discharge operation and published electrical ratings/operating conditions.

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 · CounterSelectorSwitch

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Anode/Cathode Current	0.55 mA	Published datasheet value
Minimum/Typical Supply Voltage	400 V	Published datasheet value
Maximum Counting Rate	4 kHz	Published datasheet value
Maximum Striking Voltage	350 V	Published datasheet value
Typical Anode Resistor	470 k0hm	Published datasheet value

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Minimum Anode/Cathode Current	0.25 mA	Published datasheet value
Running/Maintaining Voltage	190 V	Published datasheet value

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