

Ultra-long-life high-pressure cold-cathode Nixie numerical indicator designed for time-sharing operation. The B5855S short-lead version is intended for multiplexed numeric displays where extended operating life is a defining requirement.

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 Nixie
No fixed ratings recorded. Special-purpose display/switching section. Published non-promoted ratings are retained in TUBE_SECTION_PARAMETER.

Ultra-long-life high-pressure NIXIE numerical indicator designed for time-sharing operation; S version has short leads.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Burroughs

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

1963 BURROUGHS

Section 1 · Nixie

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Supply Voltage	180 V	—
Peak Anode Current	17 mA	—
Average Total Power Dissipation	0.25 W	—
Typical Supply Voltage	200 V	—
Typical Peak Anode Current	14 mA	—
Pulse Duration	100 us	—
Repetition Rate	500 Hz	—

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