



ELECTRONIC TUBE REFERENCE

B5855

Nixie electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

NIXIE

Cold-cathode numeric or character indicator cross-referenced by a German comparison catalog to RFT Z5900M. The source warns that comparable types may not be identical, and no complete Z5900M electrical table is provided for reliable rating transfer.

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

SECTION 1 Nixie

No fixed ratings recorded.

Special-purpose display/switching section. Published non-promoted ratings are retained in TUBE_SECTION_PARAMETER.

B5855 is a cold-cathode numeric or character indicator tube. The supplied German comparison catalog maps it to RFT type Z5900M, while also warning that listed comparable tubes are not necessarily identical. Because Z5900M is not included in the supplied electrical-data tables, no unverified electrical values were inferred.

SOURCE OPERATING CONDITIONS

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
Ionization Voltage	170 V	Catalog/group specification
Supply Voltage	180 V	Catalog/group specification
Peak/Maximum Anode Current	17 mA	Catalog/group specification
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	—

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1971 Nixie RFT

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

1971 NIXIE RFT

Section 1 · Nixie

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Comparable RFT Type	Z5900M	Catalog cross-reference; comparable types are not guaranteed identical

TUBE TINKER

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and their source documents.

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