ELECTRONIC TUBE REFERENCE

GR4

Nixie electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
NIXIE

Cold-cathode Nixie symbol display showing capacitance units µF and pF for electronic measurement and instrumentation readouts.

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.

Cold-cathode display section. The source table publishes operating-point and mechanical data rather than conventional vacuum-tube gm/rp/mu ratings.

GR4 is a cold-cathode Nixie display tube listed in a Japanese numeric/symbol display-tube table. It displays µF, pF. The table gives a maximum overall length of 44.5 mm, a maximum display diameter of 32 mm, and maximum power consumption of 0.5 W. Approximate visible distance is 10 m.

SOURCE OPERATING CONDITIONS

SOURCE PDF

1969 Nixie Zennippon Shinkukan

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

1969 NIXIE ZENNIPPON SHINKUKAN

Section 1 · Nixie

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Displayed symbols	µF, pF	—
Visible distance	10 m	Approximate

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Connection diagram number	5	See source basing/connection diagram
Maximum overall length	44.5 mm	—
Maximum display diameter	32 mm	—
Maximum power consumption	0.5 W	—
Anode supply DC voltage	170— V	Greater than
Average anode current	2.5 mA	AnodeSupplyVoltage>170V; approximate

Tube Tinker

An independent reference for electronic tubes, vacuum tubes, and their source documents.

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