



ELECTRONIC TUBE REFERENCE

GR4G

Nixie electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
NIXIE

Cold-cathode four-character side-viewing register integrating multiple display positions in one envelope for compact multi-character readout.

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	
MAXIMUM PLATE VOLTAGE	200 V
MAXIMUM CATHODE CURRENT	5 mA
Applicable published ratings promoted; switching, display, trigger and regulator characteristics retained as parameters.	

GR4G is a cold-cathode four-character side-viewing register, classified as Nixie for this batch. The supplied datasheet was reviewed for ratings, operating conditions, display/counting function, and mechanical information.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

196X Ericsson Telephones Ltd

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

196X ERICSSON TELEPHONES LTD

Section 1 · Nixie

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Minimum breakdown voltage	200 V	—
Nominal/running voltage	170 V	—
Display orientation	Published	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum cathode/anode current	5 mA	—

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 · Nixie

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode Supply Voltage	250 V	Published datasheet value
Maximum Cathode/Anode Current	7 mA	Published datasheet value

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Minimum Cathode/Anode Current	5 mA	Published datasheet value
Running Voltage	170 V	Published datasheet value
Minimum Breakdown Voltage	200 V	Published datasheet value
Life Expectancy	3500 h	Recommended DC operating conditions

TUBE TINKER

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

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker