



ELECTRONIC TUBE REFERENCE

GS12D

Nixie electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

NIXIE

Cold-cathode 12-way counter/selector using glow-discharge stepping for counting, sequencing, and selection functions.

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 CATHODE CURRENT	0.35 mA
Applicable published ratings promoted; switching, display, trigger and regulator characteristics retained as parameters.	

GS12D is a cold-cathode 12-way counter/selector, 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
Nominal/running voltage	36 V	—
Selector ways	10	—
Counting direction	Bidirectional	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum counting rate	4000 pulses/s	—

SOURCE OPERATING CONDITIONS

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196X Nixie Random Datasheets

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196X NIXIE RANDOM DATASHEETS

Section 1 · Nixie

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode Supply Voltage	475 V	Published datasheet value
Maximum Cathode/Anode Current	0.35 mA	Published datasheet value

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Minimum Cathode/Anode Current	0.19 mA	Published datasheet value
Running Voltage	191 V	Published datasheet value

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