

ELECTRONIC TUBE REFERENCE

GC102P

Nixie electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

NIXIE

Miniature bidirectional ten-way cold-cathode computing tube. Its glow discharge can be stepped in either direction among ten positions, providing an electronic counting, sequencing, or selection function rather than merely displaying a selected numeral.

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	
MAXIMUM CATHODE CURRENT	0.5 mA
Published cold-cathode ratings and characteristics promoted where applicable.	

GC102P is a miniature bi-directional 10-way computing tube, classified as Nixie for this batch. The supplied datasheet describes its cold-cathode discharge operation and published electrical ratings/operating conditions.



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

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Minimum counting rate	1 pulses/hour	Published datasheet value



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
Maximum Anode/Cathode Current	0.5 mA	Published datasheet value
Minimum/Typical Supply Voltage	320 V	Published datasheet value
Maximum Counting Rate	1 kHz	Published datasheet value

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Minimum Anode/Cathode Current	0.315 mA	Published datasheet value
Running/Maintaining Voltage	190 V	Published datasheet value