

Dieter's Nixie Tube Data Archive

This file is a part of Dieter's Nixie- and display tubes data archive

If you have more datasheets, articles, books, pictures or other information about Nixie tubes or other display devices please let me know.

Thank you!

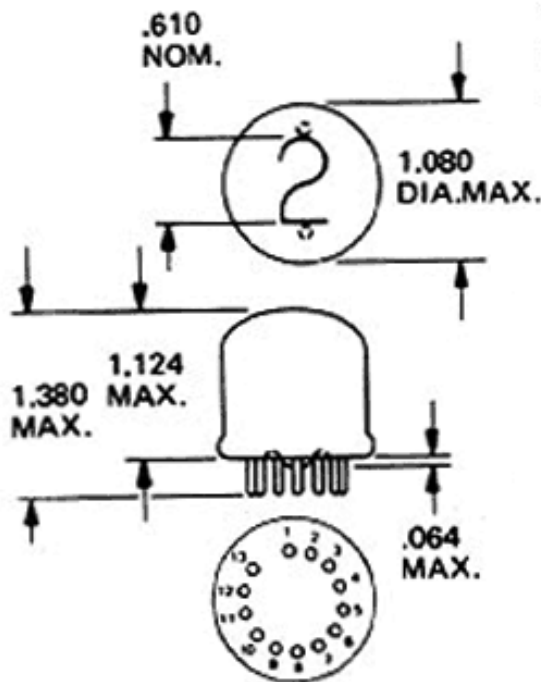
Document in this file	Burroughs datasheet: B-5093 Nixie tube
Display devices in this document	B-5093

B-5093 SPECIAL CHARACTER NIXIE INDICATOR TUBE

Available in round and rectangular configurations. Use for desk top displays and bench test equipment.

Character Size 0.6"

Viewing Distance 30.0'



Type B5093 (round)

PIN CONNECTIONS

Pin No. Numeral

1-	IC
2-	anode
3-	
4-	+
5-	C
6-	B
7-	S
8-	IC
9-	G
10-	S
11-	D
12-	O
13-	Q

ELECTRICAL DATA/STANDARD TUBES

(See Note 1)

(See Notes 2 & 3)

	B5093 Round
Absolute Ratings	
Ionization Voltage (Max)	170 Vdc
Supply Voltage (Min)	170 Vdc
Cathode Current (Peak)	3.5 ma
Test Conditions	
Supply Voltage	170 Vdc
Series Resistor	10K
Cathode Current (Min)	1.5 ma
(Max)	3.0 ma
Sockets	
Standard Wiring	SK112
Printed Circuit	SK130

NOTES

1. The minimum supply voltage should be +170 Vdc, however, the use of the highest voltage available with an appropriate series resistor is recommended to provide: 1) greater tolerance of B+ & Rp; 2) more uniform brightness; 3) more constant current operation; 4) improved operation with temperature and 5) improved life.
2. Special NIXIE tubes such as regular life wide angle types and weldable or tin dipped flying lead types are also available.
3. Special character NIXIE tubes such as + and - tubes, tubes with alphabet characters, and symbols (μ , mV) are also available.