

### MINIATURE NIXIE® INDICATOR TUBES

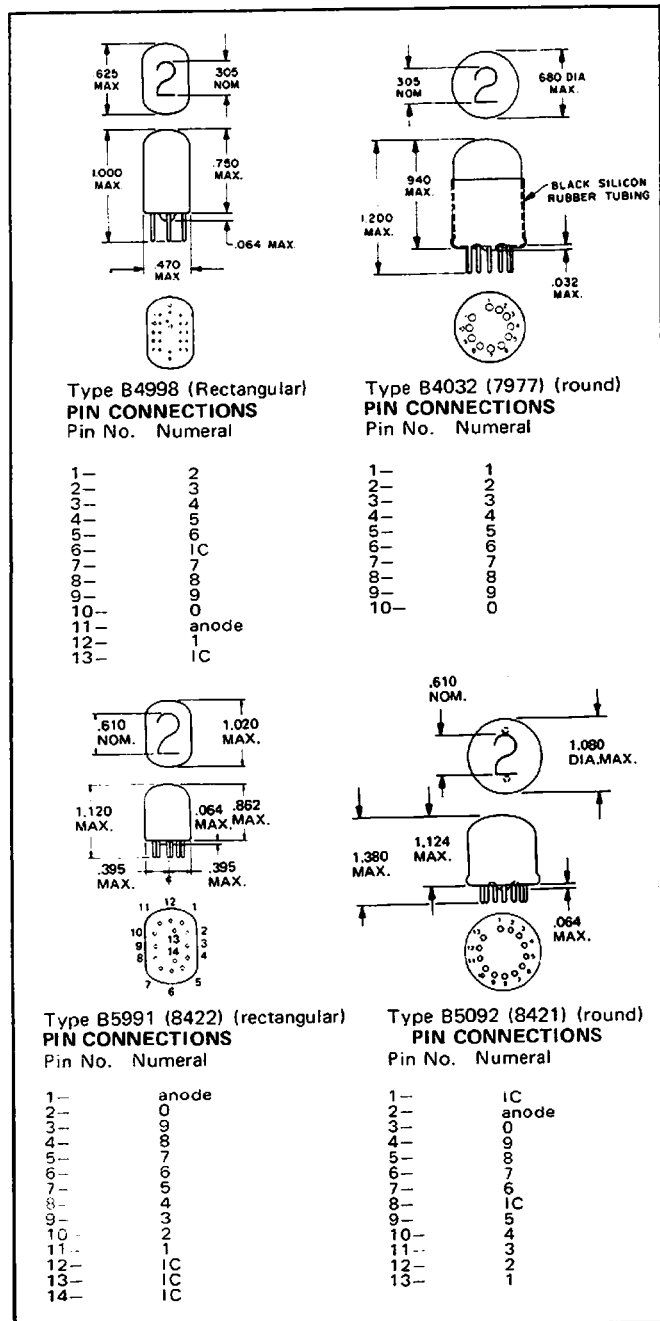
Available in rectangular and round configurations. Use for airborne and mobile equipment readouts and small lightweight instruments.

Character Size . . . . . 0.3"  
Viewing Distance . . . . . 14.0'

### STANDARD NIXIE INDICATOR TUBES

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

Character Size . . . . . 0.6"  
Viewing Distance . . . . . 30.0'



### ELECTRICAL DATA/MINIATURE TUBES

(See Note 1) (See Notes 2 & 3)

	B4998 Rectangular	B4032 (7977) Round
<b>Absolute Ratings</b>		
Ionization Voltage (Max)	170 Vdc	170 Vdc
Supply Voltage (Min)	170 Vdc	170 Vdc
Cathode Current (Peak)	2.5 ma	2.0 ma
<b>Test Conditions</b>		
Supply Voltage	170 Vdc	170 Vdc
Series Resistor	15 K	15 K
Cathode Current (Min)	1.0 ma	0.7 ma
(Max)	2.0 ma	1.4 ma
<b>Sockets</b>		
Standard Wiring	SK176	SK116A
Printed Circuit	SK178	SK118A

### ELECTRICAL DATA/STANDARD TUBES

(See Note 1) (See Notes 2 & 3)

	B5991 (8422) Rectangular	B5092 (8421) Round
<b>Absolute Ratings</b>		
Ionization Voltage (Max)	170 Vdc	170 Vdc
Supply Voltage (Min)	170 Vdc	170 Vdc
Cathode Current (Peak)	3.5 ma	3.5 ma
<b>Test Conditions</b>		
Supply Voltage	170 Vdc	170 Vdc
Series Resistor	8.2K	10K
Cathode Current (Min)	1.5 ma	1.5 ma
(Max)	3.0 ma	3.0 ma
<b>Sockets</b>		
Standard Wiring	SK169	SK112
Printed Circuit	SK144	SK130

#### NOTES

- 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.
- Special NIXIE tubes such as regular life wide angle types and weldable or tin dipped flying lead types are also available.
- Special character NIXIE tubes such as + and - tubes, tubes with alphabet characters, and symbols ( $\mu$ , mV) are also available.