MECHANICAL DATA

Bulb	T-1
Base	Subminiature Button Flexible Leads
Outline	See Diagram
Basing	See Diagram
Cathode	Coated Filament
Mounting Position	Note 1

ELECTRICAL DATA

FILAMENT CHARACTERISTICS

Filament Voltage AC or DC	1.0 ± 5 % V
Filament Current	30 Ma

RATINGS (Absolute Maximum)

Plate Voltage	65 Vdc
Plate Current	750 μA
Grid Resistance	1.0 Megohm

CHARACTERISTICS AND TYPICAL OPERATION

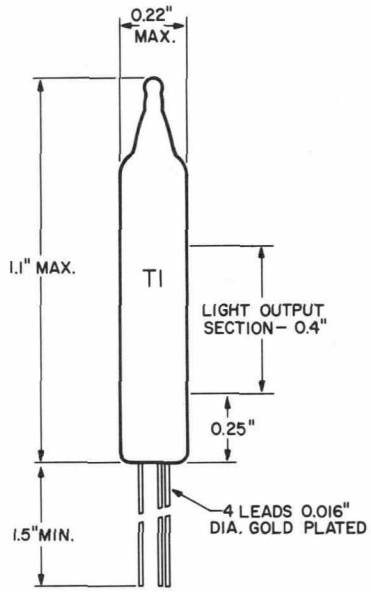
Filament Voltage[2] AC	1.0 Volt
DC Plate Voltage	50 Volts
Grid Resistance	100,000 Ohms
Grid Supply Voltage (Max. Light Output)	0 Volt
Plate Current (Max. Light Output)	585 μA
Grid Supply Voltage (Zero Light Output)	−3 Volts
Plate Current (Zero Light Output)	5 μA

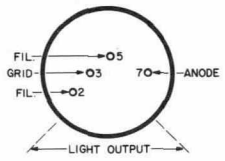
NOTES:

1. *Type 6977 tubes are designed to be soldered-in and mounted flat and parallel to each other on printed circuit boards such that the light output sides of the tubes face the front.*
2. *Center tap of filament transformer grounded.*
3. *The 6977 is well suited for use in transistorized circuits where its high input impedance and small signal requirements do not load the transistor circuit. The 6977 is optimized for side view mounting and will produce a bright blue-green light area approximately 0.4 x .187 inches.*

QUICK REFERENCE DATA

The Sylvania Type 6977 is a filamentary, high vacuum, subminiature indicator triode with a fluorescent anode, capable of operating from DC plate and grid supplies. It is designed for applications in electronic computers and business machines where it can replace neon lamps.[3]





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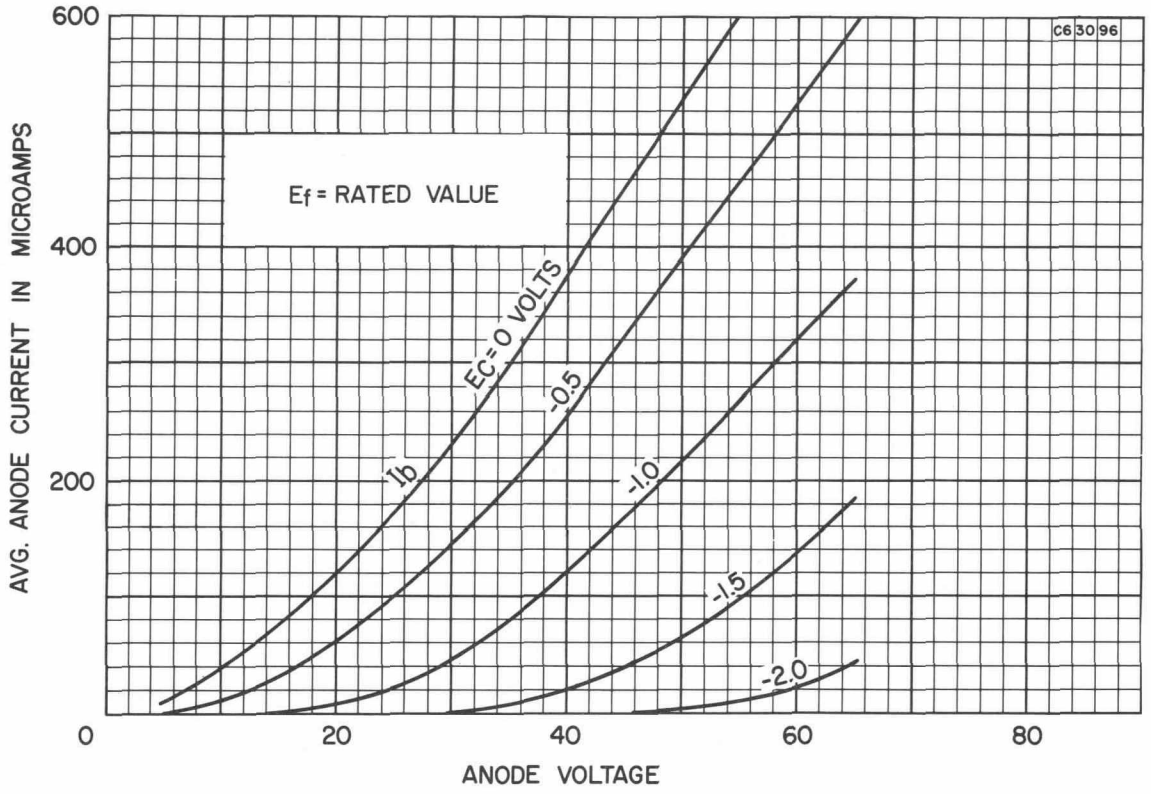
AVERAGE ANODE CHARACTERISTICS