MECHANICAL DATA
Mounting Position . . . . Any (Count is Read From Top of Tube)
Zero Position (Output Cathode) . . . . Aligned with Pin #6 ± 12°

ELECTRICAL DATA
RATINGS (Absolute Values)
Total Anode Current . . . . . . 0.60 Ma Max.
Voltage Between Electrodes
(Other Than Anode) . . . . . 140 Volts Max.
Supply Voltage (Anode to Cathode) . . 350 Volts Min.
Input Frequency . . . . . . 4,000 P.P.S. Max.

TYPICAL OPERATION
D.C. Supply Voltage . . . . . . 400 Volts
Anode Resistor . . . . . . 0.47 Megohm
Nominal Tube Drop (Under These Conditions) . . . . 191 Volts
Cathode Resistor . . . . . . 68,000 Ohms
Output Voltage
(Developed Across Cathode Resistor) . . . . 15 Volts

APPLICATION DATA
The Sylvania Type 6482 is a cold single output cathode, bidirectional, decade counter tube. It is designed for use in medium speed decimal counting apparatus such as scalers, computers and dividers. The count is determined by noting the position of the glow on any one of the ten radially spaced cathodes around an axially positioned anode.

OUTLINE DRAWING

BASE CONNECTIONS
The driving circuits given on this and the following page for Sylvania glow transfer counter tube types 6476 and 6482 offer certain advantages over the previously published circuits.

The important feature of the new circuits is that they provide an essentially square wave pulse to the guide pins. A square wave driving pulse assures stable operation throughout the life of the 6476 and 6482 tubes in spite of small changes which may occur in the guide voltages.

Note: The B+ of the driver is obtained through the guide to anode capacity of the counter tube.

6476 GLOW TRANSFER COUNTER TUBE DRIVER CIRCUIT