

TECHNICAL DATA

Rel. #151

ARCTURUS

TYPE 2Y2HALF-WAVE HIGH-VACUUM RECTIFIER

Heater Voltage	2.5 Volts
Heater Current	1.75 Amperes

OPERATING CONDITIONS*

A.C. Plate Voltage (RMS)	4400 (max.)
Peak Inverse Voltage	12000 (max.)
D.C. Output Current (max)	5.0 ma.

* May be used in either choke or condenser input circuit but in the latter case the input condenser should be limited to .5 mfd. (max.)

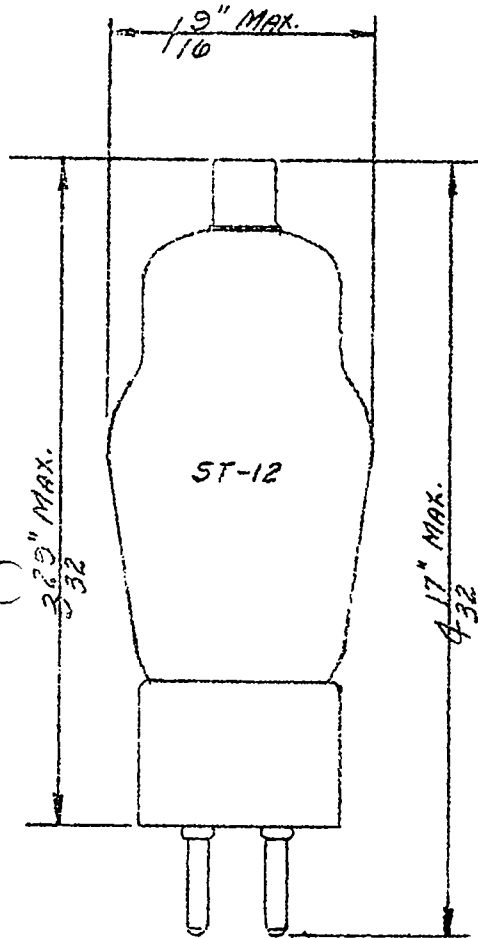
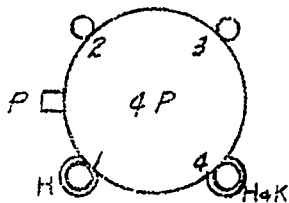
APPLICATION

Type 2Y2 is a half-wave rectifier for use in cathode-ray oscillograph and television circuits where high voltage and low current are required.

It has been designed as a slow heater in order to avoid burning the cathode-ray tube viewing screen at one spot before the sweep oscillators start to function. Therefore, it is essential that tubes used in the sweep circuits be quick heaters such as Types 5X3, 6R6G and 6AD5G.

11-14-38

from RMA registration #151, Dec. 5, 1938

Pin ArrangementBottom View