

# RMA Release # 289

TYPE # 6Y3G

RESERVATION # \_\_\_\_\_ DATE \_\_\_\_\_ REGISTRATION # \_\_\_\_\_ DATE \_\_\_\_\_

SPONSOR: Philco Radio and Television Corporation

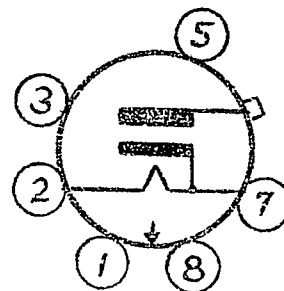
TYPE CLASSIFICATION: Half Wave High Vacuum Rectifier

## PHYSICAL SPECIFICATIONS:

TYPE CATHODE: Unipotential

### PIN CONNECTIONS:

Pin 1 - No Connection  
" 2 - Heater  
" 3 - No Connection  
" 5 - No Connection  
" 7 - Heater and Cathode  
" 8 - No Connection  
Cap - Plate



BASING DESIGNATION: 4AC

4AC  
BASE-BOTTOM VIEW

TYPE OF TOP CAP: Miniature  
TYPE OF BASE: Small Octal 6-pin  
TYPE OF BULB: ST-12  
MAX. DIAMETER: 1-9/16"  
MAX. OVERALL LENGTH: 4-15/32"  
MAX. SEATED HEIGHT: 3-29/32"  
MOUNTING POSITION: Any

### RATINGS:

Heater Voltage	6.3 volts
Heater Current	.70 amp.
Max. Peak Inverse Voltage	14,000 volts
Max. Peak Plate Current	100 ma.
Heating Time	25 seconds

### TYPICAL OPERATION: - Half Wave

(Either choke or condenser input circuit. With condenser input the condenser should be limited to 0.5 MFD maximum.)

AC Plate Voltage (RMS)	5,000 volts max.
DC Output Current	7.5 ma. max.

### COMMENTS:

Type 6Y3G is a half-wave rectifier for use in cathode ray and television circuits where high voltage and low current are required.