

RMA Release # 289

TYPE # 6Y3G

RESERVATION # _____ DATE _____ REGISTRATION # _____ DATE _____

SPONSOR: Philco Radio and Television Corporation

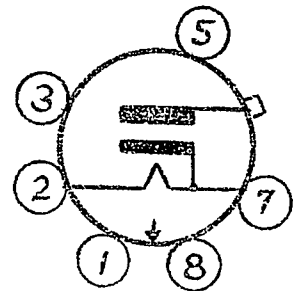
TYPE CLASSIFICATION: Half Wave High Vacuum Rectifier

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.