

6Z7G

TENTATIVE DATA SHEET
RAYTHEON G TYPE TUBE

6Z7G

TWIN TRIODE POWER AMPLIFIER
DUAL GRID - HEATER TYPE

Bulb - ST-12

Base-Small Octal 8-Pin

DIMENSIONS

Maximum Overall Length	4 1/8"
Maximum Diameter	1 9/16"

BASING - R. N. A. Numbering

Pin 1 - No connection
 Pin 2 - Heater
 Pin 3 - Plate (Triode R)
 Pin 4 - Grid (Triode R)
 Pin 5 - Grid (Triode L)
 Pin 6 - Plate (Triode L)
 Pin 7 - Heater
 Pin 8 - Cathode

RATINGS

Heater Voltage	6.3	volts
Heater Current	0.3	amp
Maximum Plate Voltage	180	volts
Maximum Peak Plate Current (per plate)	60	ma
Max. Average Plate Dissipation	8	watts

AMPLIFIER - CLASS B

Plate Voltage	~~135~~	180	volts
Grid Bias	0	0	volts
No Signal Plate Current (per plate)	3	4.2	ma
Load Resistance (plate to plate)	~~15000~~	20000	ohms
Power Output	1.5	2.2	watts
(With average power input = 80 mw. grid to grid)			
Load Resistance	9000	12000	ohms
Power Output	2.5	4.2	watts
(With average power input = 320 mw. grid to grid)			

from RMA release #115, May 24, 1937

RAYTHEON ENGINEERING SERVICE

May 15, 1937

CS-1378