

Osram

VALVES

Z63 SCREENED PENTODE

DESCRIPTION

Type Z63 is an indirectly heated high frequency pentode. It is interchangeable with the American valve 6J7G.

RATINGS

Heater Voltage	...	...	...	...	...	...	6.3	volts
Heater Current	...	...	...	...	...	...	0.3	approx. amp
Anode Voltage	...	...	...	...	...	...	250	max. volts
Screen Voltage	...	...	...	...	...	...	125	max. volts
Mutual Conductance*	...	...	...	...	...	...	1.23	mA/V

* Measured at $V_a = 250$; $V_{g_2} = 100$; $V_{g_1} = -3$.

Capacitances :

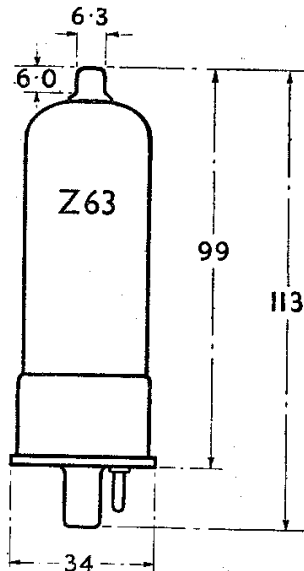
Control Grid to all other electrodes	...	...	...	...	4.7	approx pF
Anode to all other electrodes	...	...	...	...	9.9	" "
Anode to Control Grid	...	...	...	...	0.0038	" "

OPERATING CONDITIONS

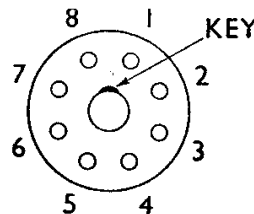
	Pentode connected		Triode connected		
Anode Voltage	250	volts
Screen Voltage	100	volts
Anode Current	1	mA
Screen Current	0.25	mA
Control Grid Voltage	-2	volts
Anode Impedance	1.5 meg	ohms
Cathode Bias Resistor	2,200	ohms
Optimum Load	250,000	ohms
Screen Resistor	1	mehogm

MOUNTING POSITION ... Any

DIMENSIONS



BASE



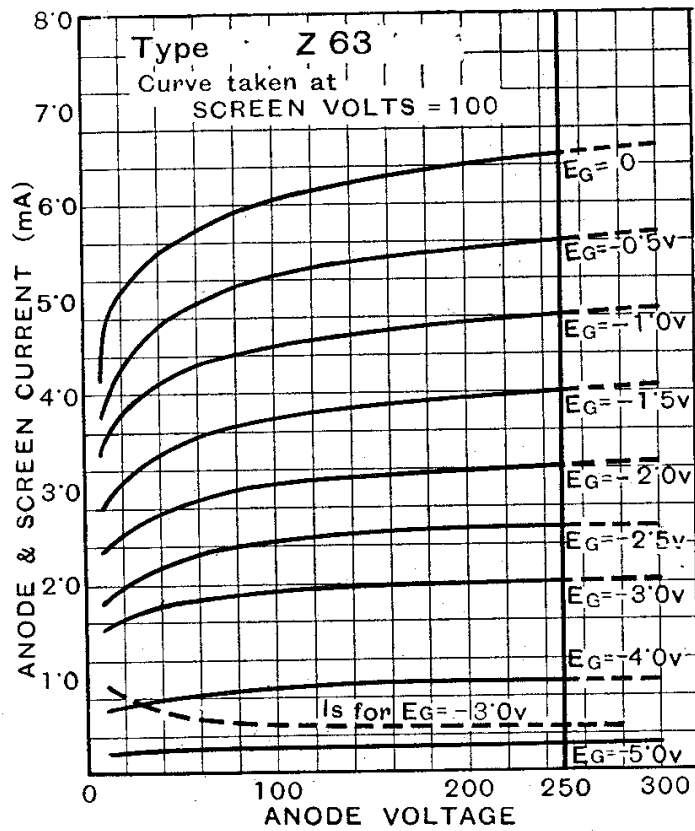
View looking on underside of base.

7-PIN OCTAL

- Pin 1: Base Shell
- 2: Heater
- 3: Anode
- 4: Screen Grid, g_2
- 5: Suppressor Grid, g_3
- 6: Omitted
- 7: Heater
- 8: Cathode
- Top Cap: Control Grid

All dimensions are in mm. and are the maximum except where otherwise stated.

TYPE Z63



CHARACTERISTIC CURVES OF
AVERAGE VALVE.

