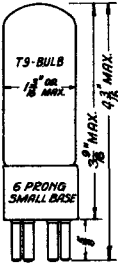
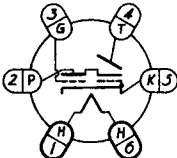


CATHODE RAY TUNING INDICATOR
Heater Type Glass Bulb



The 6T5 is a high-vacuum type indicator tube with remote cutoff characteristics designed for service as a tuning indicator in radio receivers. The shaded pattern on the fluorescent target is annular in shape.



BOTTOM VIEW OF SOCKET

RATINGS

Heater Voltage (a-c or d-c)	6.3	volts
Heater Current	0.3	amp
Max. Plate Supply Voltage	250	volts
Max. Target Voltage	250	volts

TUNING INDICATOR

Plate Supply Voltage	250	volts
Target Voltage	250	volts
Plate Resistor	1	megohm
Target Current (approximate)	3	ma
Plate Current (zero bias)	0.24	ma
Grid Bias for Min. Shadow Diameter	-22	volts
Grid Bias for Max. Shadow Diameter	0	volts

The 6T5 is a high vacuum tube designed to visually indicate changes of control grid bias. With the triode section connected as a d-c amplifier, the voltage of the shadow control electrode which is connected to the triode plate increases with an increase of control grid bias and causes a reduction in shadow diameter. Similarly, a decrease of control grid bias increases the shadow diameter. In tuning indicator service the control grid bias is obtained from a suitable tap in the AVC network.

