

## 6U5-G

### ELECTRON-RAY TUNING INDICATOR

#### GENERAL DATA

##### Electrical:

Heater, for Unipotential Cathode: ■

Voltage	6.3	a.c. or d.c. volts
Current	0.3	amp.

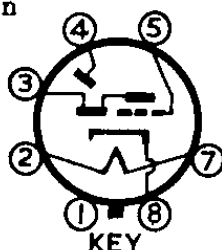
##### Mechanical:

Mounting Position	Any
Maximum Overall Length	4"
Maximum Seated Height	3-7/16"
Maximum Diameter	1-3/16"
Base	Small Shell Octal 7-Pin

Pin 1 - No Connection

Pin 2 - Heater

Pin 3 - Plate



Pin 4 - Target

Pin 5 - Grid

Pin 7 - Heater

Pin 8 - Cathode

BOTTOM VIEW

#### INDICATOR

##### Maximum Ratings, Design Centre Values:

Plate-Supply Voltage	285 max. volts
Target Voltage	{ 285 max. volts 100 min. volts
Plate Dissipation	1.0 max. watt

##### Typical Operation:

Plate & Target Supply	100	200	250	volts
Series Triode-Plate Resistor *	0.5	1.0	1.0	megohm
Target Current † ▲	1.0	3.0	4.0	mA
Triode-Plate Current	0.19	0.19	0.24	mA
Triode-Grid Voltage ○○	-8	-18.5	-22	approx. volts
Triode-Grid Voltage #	0	0	0	approx. volts

■ In circuits where the cathode is not directly connected to the heater the potential difference between heater and cathode should be kept as low as possible.

\* Designated as R in circuit diagram.

† Subject to wide variations.

▲ For zero triode-grid voltage.

○○ For shadow angle of 0°. # For shadow angle of 90°.

The 6U5-G is similar to the 6E5 except for the triode unit which is designed with remote cut-off.

The 6U5-G will supersede the 6G5, 6U5 and 6U5/6G5. It may also be used to replace types 6H5 and 6T5.