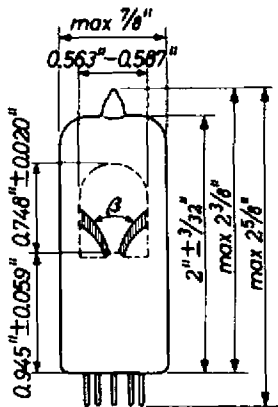


## ELECTRON-RAY TUNING INDICATOR

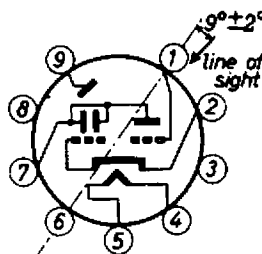
### MECHANICAL DATA

Cathode	Coated unipotential
Base	E9-1
Bulb	T6 1/2
Mounting position	Any
RETMA basing designation	9DB

### TUBE OUTLINE



### BOTTOM VIEW OF BASE



### BASE PIN No

1	Grid
2	Cathode
3	Internal connection
4	Heater
5	Heater
6	Internal connection
7	Plate, Ray control electrode
8	Internal connection
9	Target

### ELEMENT

### ELECTRICAL DATA

#### HEATER DATA

Heater voltage	6.3 volts
Heater current	0.3 amp

#### RATINGS (Design Center Values)

Plate voltage	300 volts max.
Plate voltage without current	550 volts max.
Plate dissipation	0.2 watt max.
Target voltage	300 volts max.
Target voltage	165 volts min.
Target voltage without current	550 volts max.
Cathode current	3 mamps max.
Grid circuit resistance	3 megohms max.
Voltage between cathode and heater	100 volts max.
Circuit resistance between cathode and heater	20 000 ohms max.

# 6BR5

## OPERATING CONDITIONS

Supply voltage	250	volts
Target voltage	250	volts
Plate series resistor	0.5	megohm
Grid series resistor	3	megohms
Negative grid bias	-1	-14 volts
Light sector on target	5	50 degrees
Plate current	0.37	0.01 mamp
Target current	2	2.3 mamps

# 6BR5

