

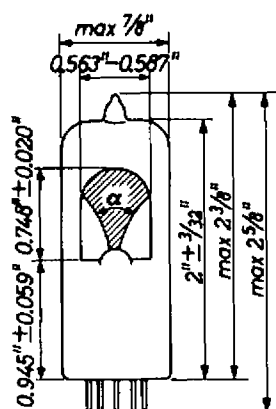
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ELECTRON-RAY TUNING INDICATOR

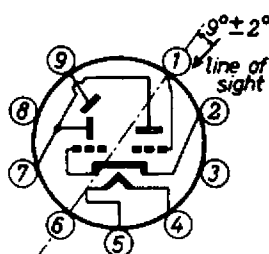
MECHANICAL DATA

Cathode	Coated unipotential
Base	E9-1
Bulb	T6½
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

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. 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.

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
Shadow sector on target	65	5 degrees
Plate current	0.37	0.02 mamp
Target current	2	2.3 mamps

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