



6AB5



6AB5/6N5

ELECTRON-RAY TUBE

INDICATOR TYPE WITH TRIODE UNIT

Heater [■]	Coated Unipotential Cathode	
Voltage	6.3	a-c or d-c volts
Current	0.15	amp.
Overall Length		3-13/16" to 4-3/16" ←
Maximum Seated Height		3-9/16" ←
Maximum Diameter		1-3/16" ←
Bulb		T-9 ←
Base		Small 6-Pin
Pin 1 - Heater		Pin 4 - Target
Pin 2 - Plate		Pin 5 - Cathode
Pin 3 - Grid		Pin 6 - Heater
Mounting Position		BOTTOM VIEW (6R)

MAXIMUM RATINGS and TYPICAL OPERATING CONDITIONS

Plate-Supply Voltage			180 max. volts
Target Voltage			{ 180 max. volts
			{ 100 min. volts
Typical Operation:			
Plate and Target Supply	135	135	volts
Series Triode-Plate Resistor [□]	0.25	1.0	megohm
Target Current † ^Δ	2	1.9	ma.
Triode-Plate Current ^Δ	0.5	0.13	ma.
Triode-Grid Voltage (approx.)			
For shadow angle of 0°	-10	-15.5	volts ←
For shadow angle of 90°	0	0	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 under Type 6E5.

† Subject to wide variations.

Δ For triode-grid bias of 0 volts.

← Indicates a change.

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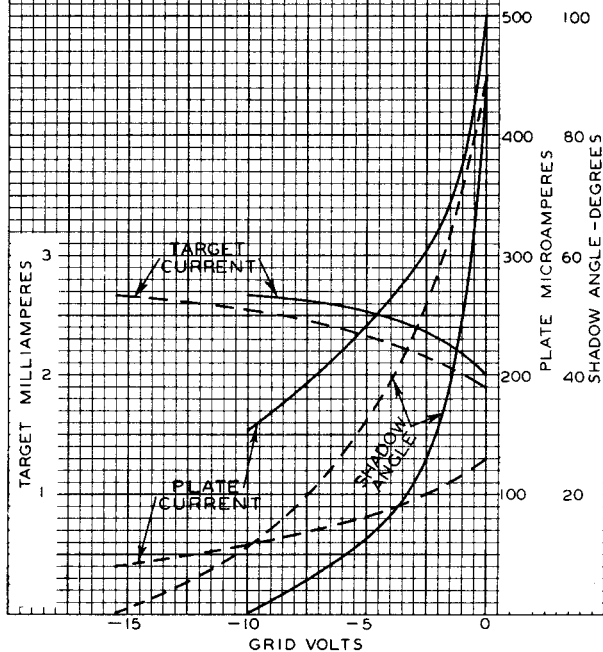
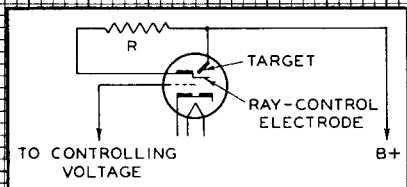


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AVERAGE CONTROL CHARACTERISTICS

 $E_f = 6.3$ VOLTS

CURVE	PLATE-SUPPLY VOLTS (B+)	SERIES PLATE RESISTOR (R) -MEG.
—	135	0.25
- - -	135	1.0



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RCA RADOTRON DIVISION
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