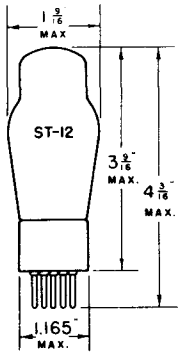
TUNG-SOL



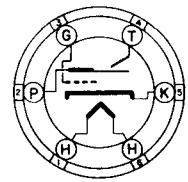
CATHODE RAY TUNING INDICATOR

UNIPOTENTIAL CATHODE

HEATER
2.5 VOLTS 0.8 AMPERE
AC OR DC

GLASS BULB

SMALL 6 PIN BASE



6R
BOTTOM VIEW

THE TUNG-SOL 2E5 CONSISTS OF A CIRCULAR FLUORESCENT TARGET WITH AN INDICATING SHADOW ANGLE CONTROLLED BY AN INTERNALLY CONNECTED SHARP CUT-OFF AMPLIFIER. WHEN THE 2E5 IS USED AS A TUNING INDICATOR AVC VOLTAGE IS APPLIED TO THE TRIODE GRID. WITH THE EXCEPTION OF HEATER RATINGS, ITS RATINGS AND ELECTRICAL CHARACTERISTICS ARE IDENTICAL TO THOSE OF THE 6E5.

RATINGS

MAXIMUM PLATE SUPPLY VOLTAGE	250	VOLTS
MAXIMUM TARGET VOLTAGE	250	VOLTS
MINIMUM TARGET VOLTAGE	100	VOLTS

OPERATING CONDITIONS AND CHARACTERISTICS

PLATE AND TARGET SUPPLY VOLTAGE	100	200	250	VOLTS
TRIODE GRID VOLTAGE (0° SHADOW ANGLE) APPROX.	-3.3	-6.5	-8.0	VOLTS
TRIODE GRID VOLTAGE (90° SHADOW ANGLE) APPROX.	0	0	0	VOLTS
SERIES TRIODE PLATE RESISTOR	0.5	1	1	MEGOHM
TRIODE PLATE CURRENT (TRIODE GRID V.=0)	0.19	0.19	0.24	MA.
TARGET CURRENT (TRIODE GRID V.=0)[a]	1	3	4	MA.

[a] SUBJECT TO WIDE VARIATIONS

FOR "INTERPRETATION OF RATINGS" REFER TO FRONT OF BOOK.

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PLATE
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