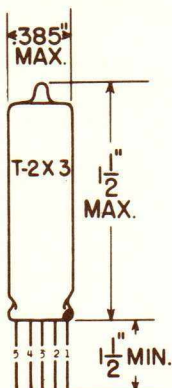


TUNG-SOL

PENTODE

SUBMINIATURE TYPE



GLASS BULB

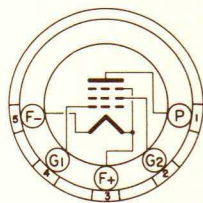
COLORED DOT IS ADJACENT
TO LEAD 1

COATED FILAMENT

1.25 VOLTS 0.04 AMP.

AC OR DC

ANY MOUNTING POSITION



BOTTOM VIEW

0.046" TINNED
FLEXIBLE LEADSLENGTH: 1.5" MIN.
SPACING: 0.048"
CENTER-TO-CENTERGRID #3 IS COMPOSED OF TWO
SEPARATE DEFLECTOR PLATES,
ONE OF WHICH IS CONNECTED TO
LEAD 3 & THE OTHER TO LEAD 5.

THE 1AG4 IS A FILAMENT TYPE POWER PENTODE OF SUBMINIATURE CONSTRUCTION DESIGNED FOR USE IN THE OUTPUT STAGE IN BATTERY OPERATED RECEIVERS. THE FLEXIBLE TERMINAL LEADS MAY BE SOLDERED OR WELDED DIRECTLY TO THE TERMINALS OF CIRCUIT COMPONENTS WITHOUT THE USE OF SOCKETS. STANDARD SUBMINIATURE SOCKETS MAY BE USED BY CUTTING THE LEADS TO 0.20" LENGTH.

RATINGS

INTERPRETED ACCORDING TO DESIGN CENTER SYSTEM

FILAMENT VOLTAGE (DC)	1.25	VOLTS
MAXIMUM PLATE VOLTAGE	90	VOLTS
MAXIMUM GRID #2 VOLTAGE	90	VOLTS
MAXIMUM CATHODE CURRENT (ZERO SIGNAL)	4	MA.

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A₁ AMPLIFIER

FILAMENT VOLTAGE (DC)	1.25	VOLTS
FILAMENT CURRENT	0.04	AMP.
PLATE VOLTAGE	41.4	VOLTS
GRID #2 VOLTAGE	41.4	VOLTS
GRID #1 VOLTAGE	-3.6	VOLTS
PEAK AF GRID #1 VOLTAGE	3.6	VOLTS
PLATE RESISTANCE	.18	MEGOHM
TRANSCONDUCTANCE	1 000	μMHOS
ZERO-SIGNAL PLATE CURRENT	2.4	MA.
ZERO-SIGNAL GRID #2 CURRENT	0.6	MA.
LOAD RESISTANCE	12 000	OHMS
TOTAL HARMONIC DISTORTION (APPROX.)	12	PERCENT
POWER OUTPUT	35	MW.

1AG4

