

TUNG-SOL

PENTODE

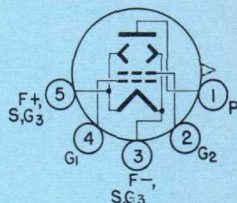
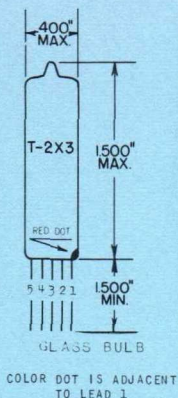
SUBMINIATURE TYPE

COATED FILAMENT

1.25 VOLTS 50 MA.

DC

ANY MOUNTING POSITION



BOTTOM VIEW
0.016" TINNED
FLEXIBLE LEADS
0.048" SPACING
CENTER-TO-CENTER

GRID #3 IS COMPRISED OF
TWO SEPARATE BEAM PLATES,
ONE OF WHICH IS CONNECTED
TO LEAD #3 THE OTHER TO
LEAD #5

THE 5678 IS A FILAMENT TYPE, SUBMINIATURE PENTODE DESIGNED FOR SERVICE IN RF APPLICATIONS REQUIRING ECONOMY OF SPACE, WEIGHT AND BATTERY DRAIN. A COATED METALLIC SHIELD IS USED AND CONNECTED TO LEAD #3. THE FLEXIBLE TERMINAL LEADS MAY BE SOLDERED OR WELDED TO CIRCUIT COMPONENTS WITHOUT THE USE OF SOCKETS. STANDARD SUBMINIATURE SOCKETS MAY BE USED BY CUTTING THE LEADS TO 0.20" LENGTH.

DIRECT INTERELECTRODE CAPACITANCES

GRID TO PLATE (MAX.)	0.01	pf
INPUT	3.3	pf
OUTPUT	3.8	pf

RATINGS

INTERPRETED ACCORDING TO DESIGN-MAXIMUM SYSTEM

MAXIMUM PLATE VOLTAGE	90	VOLTS
MAXIMUM GRID #2 VOLTAGE	67.5	VOLTS

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A₁ AMPLIFIER

PLATE VOLTAGE	45	67.5	VOLTS
GRID #2 VOLTAGE	45	67.5	VOLTS
GRID #1 VOLTAGE ^A	0	0	VOLTS
PLATE RESISTANCE	1.2	1.0	MEGOHMS
TRANSCONDUCTANCE	820	1 100	μMHOS
PLATE CURRENT	0.8	1.8	MA.
GRID #2 CURRENT	0.22	0.48	MA.
GRID #1 VOLTAGE (APPROX.) FOR TRANSCONDUCTANCE = 10 μMHOS	-3	-4	VOLTS

^A GRID RESISTOR = 5 MEGOHMS.

