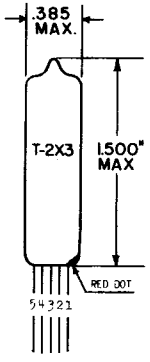
TUNG-SOL

PENTODE

SUBMINIATURE TYPE

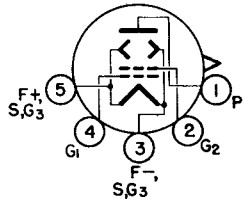


GLASS BULB
COLOR DOT IS ADJACENT
TO LEAD 1
IN-LINE LEADS

COATED FILAMENT

1.25 VOLTS 100 MA.
AC OR 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 5875 IS A FILAMENT TYPE, SHARP CUTOFF PENTODE OF SUBMINIATURE CONSTRUCTION, DESIGNED FOR RADIOSONDE APPLICATIONS. A COATED METALLIC SHIELD IS USED AND CONNECTED TO LEAD #3. THE FLEXIBLE TERMINAL LEADS MAY BE SOLDERED OR WELDED DIRECTLY 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 #1 TO PLATE (MAX.)	0.03	pf
INPUT	4.0	pf
OUTPUT	4.0	pf

RATINGS

DESIGN CENTER VALUES - SEE EIA STANDARD RS-239

PLATE VOLTAGE	90	VOLTS
GRID #2 VOLTAGE	90	VOLTS
TOTAL CATHODE CURRENT	6.5	MA.

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A_1 AMPLIFIER

PLATE VOLTAGE	90	VOLTS
GRID #2 VOLTAGE	90	VOLTS
GRID #1 VOLTAGE	0	VOLTS
TRANSCONDUCTANCE	2 500	μMHOS
PLATE CURRENT	3.5	MA.
GRID #2 CURRENT	1.0	MA.
GRID #1 VOLTAGE (APPROX.) FOR TRANSCONDUCTANCE = 10 μMHOS	−3.5	VOLTS