

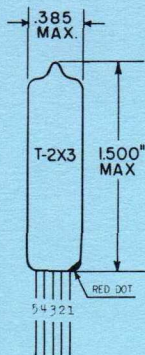
TUNG-SOL

PENTODE SUBMINIATURE TYPE

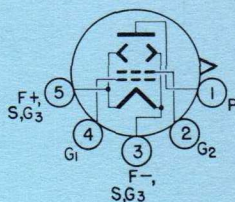
COATED FILAMENT

1.25 VOLTS 100 MA.
 AC OR DC

ANY MOUNTING POSITION



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



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	μ MHOS
PLATE CURRENT	3.5	MA.
GRID #2 CURRENT	1.0	MA.
GRID #1 VOLTAGE (APPROX.) FOR TRANSCONDUCTANCE = 10 μ MHOS	-3.5	VOLTS

