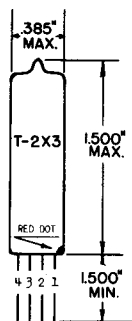
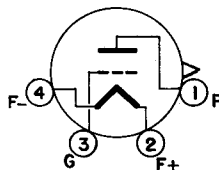


TUNG-SOL

TRIODE
SUBMINIATURE TYPE

GLASS BULB
RED DOT IS ADJACENT
TO LEAD 1

COATED FILAMENT
1.25 VOLTS 120 MA.
AC OR DC
ANY MOUNTING POSITION



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

THE 5676 IS A SUBMINIATURE, FILAMENT TYPE, TRIODE. IT IS DESIGNED FOR SERVICE AS A HIGH FREQUENCY OSCILLATOR UP TO SEVERAL HUNDRED MEGACYCLES IN APPLICATIONS WHERE EXTREME COMPACTNESS MUST BE MAINTAINED. 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
WITH CLOSE FITTING SHIELD CONNECTED TO LEAD #4

GRID TO PLATE	2.0	pf
GRID TO FILAMENT	1.3	pf
PLATE TO FILAMENT	4.0	pf

RATINGS

DESIGN CENTER VALUES

MAXIMUM PLATE VOLTAGE	135	VOLTS.
MAXIMUM PLATE CURRENT	10	MA.

CONTINUED ON FOLLOWING PAGE

TUNG-SOL

CONTINUED FROM PRECEDING PAGE

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICSCLASS A₁ AMPLIFIER

PLATE VOLTAGE	135	VOLTS
GRID VOLTAGE	-5	VOLTS
TRANSCONDUCTANCE	1 600	μMHOS
AMPLIFICATION FACTOR	15	
PLATE CURRENT	4.0	MA.

VHF OSCILLATOR

PLATE VOLTAGE	135	VOLTS
GRID LEAK	10 000	OHMS
GRID CURRENT	150 TO 500	μA.
PLATE CURRENT	9	MA.
FREQUENCY	100 TO 350	MC.

