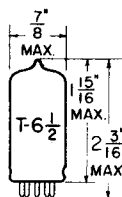


TUNG-SOL

TRIPLE-DIODE TRIODE

MINIATURE TYPE



GLASS BULB

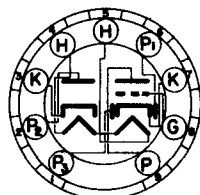
COATED UNIPOTENTIAL CATHODE

HEATER

18.9 VOLTS 150 MA.

AC OR DC

ANY MOUNTING POSITION


 BOTTOM VIEW
 MINIATURE BUTTON
 9 PIN BASE

9E

THE 19C8 COMPRISES THREE HIGH PERVEANCE DIODES AND A HIGH-MU TRIODE IN ONE ENVELOPE WITH THE 9 PIN MINIATURE CONSTRUCTION. ONE OF THE THREE DIODE PLATES HAS AN INDEPENDENT CATHODE PROVIDING SATISFACTORY OPERATION IN BALANCED LOW IMPEDANCE DETECTOR CIRCUITS. THIS TUBE STRUCTURE PERMITS THE CONSTRUCTION OF AM/FM RECEIVERS WITH A MINIMUM OF SWITCHING.

 DIRECT INTERELECTRODE CAPACITANCES — APPROX.
 WITH NO EXTERNAL SHIELD

DIODE #1 TO ALL:	1P TO (H+1K+2K+2P+3P+G+P)	5.2	μ f
DIODE #2 TO ALL:	2P TO (H+1K+2K+1P+3P+G+P)	4	μ f
DIODE #3 TO ALL:	3P TO (H+1K+2K+1P+2P+G+P)	5.2	μ f
DIODE #1 TO GRID:	(1P TO G) MAX.	0.030	μ f
DIODE #2 TO GRID:	(2P TO G) MAX.	0.006	μ f
DIODE #3 TO GRID:	(3P TO G) MAX.	0.030	μ f

RATINGS

INTERPRETED ACCORDING TO RMA STANDARD M8-210

HEATER VOLTAGE	18.9	VOLTS
MAXIMUM PEAK HEATER-CATHODE VOLTAGE	200	VOLTS
MAXIMUM PLATE VOLTAGE	250	VOLTS
MAXIMUM PLATE DISSIPATION	1	WATT
MAXIMUM DIODE CURRENT EACH PLATE FOR CONTINUOUS OPERATION	6	MA.

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A₁ AMPLIFIER — TRIODE UNIT

HEATER VOLTAGE	18.9	VOLTS
HEATER CURRENT	150	MA.
PLATE VOLTAGE	100	VOLTS
GRID VOLTAGE	-1	VOLT
PLATE CURRENT	0.5	MA.
PLATE RESISTANCE	80 000	OHMS
TRANSCONDUCTANCE	1 250	μ MHOS
AMPLIFICATION FACTOR	100	