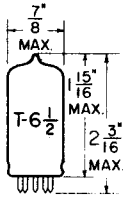
TUNG-SOL

TRIPLE-DIODE TRIODE

MINIATURE TYPE

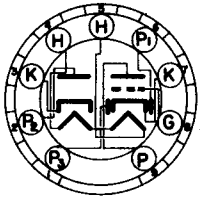


GLASS BULB

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

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 A_1 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	µMHOS
AMPLIFICATION FACTOR	100	

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