TRIPLE-DIODE TRIODE
MINIATURE TYPE

COATED UNIPOTENTIAL CATHODE

HEATER
18.9 VOLTS 150 MA.
AC OR DC
ANY MOUNTING POSITION

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

RATINGS
INTERPRETED ACCORDING TO RMA STANDARD MB-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 A2 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  MMHOS
AMPLIFICATION FACTOR  100