TUNG-SOL

ULTRA HIGH FREQUENCY DIODE
MIDGET TYPE

COATED UNIPOTENTIAL CATHODE

HEATER
6.3 VOLTS 0.15 AMPERE
AC OR DC

GLASS BULB
MINIATURE BUTTON 7 PIN BASE
MOUNTING POSITION — ANY

THE 9006 IS A MIDGET TYPE DIODE INTENDED FOR USE AS AN ULTRA HIGH FREQUENCY DETECTOR.

RATINGS*

MAXIMUM PEAK INVERSE PLATE VOLTAGE 750 VOLTS
MAXIMUM PEAK PLATE CURRENT 15 MA.
MAXIMUM DC OUTPUT CURRENT 5 MA.
MAXIMUM DC HEATER CATHODE POTENTIAL 100 VOLTS

*INTERPRETED ACCORDING TO RCA STANDARD MB-210

DIRECT INTERELECTRODE CAPACITANCES
WITH NO EXTERNAL SHIELD

PLATE TO CATHODE 1.4 µµf
PLATE TO HEATER 0.2 µµf
CATHODE TO HEATER 2.2 µµf

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

AC PLATE SUPPLY VOLTAGE (RMS) 270 VOLTS
MINIMUM TOTAL EFFECTIVE PLATE SUPPLY IMPEDANCE 100 OHMS
DC OUTPUT CURRENT 5 MA.

RESONANT FREQUENCY APPROXIMATELY 700 MC.