DIODE CONSIDERATIONS
TYPICAL DIODE-PENTODE CIRCUITS

HALF-WAVE DETECTOR AND AVC, FIXED-BIAS AMPLIFIER

HALF-WAVE DETECTOR, SEPARATE AVC, FIXED-BIAS AMPLIFIER

HALF-WAVE DETECTOR, AVC, FIXED-BIAS H-F AMPLIFIER

TYPICAL VALUES

C1: 150 μF for 450-1600 kc
C2, C3: 0.1 μF
C4: 0.5 μF or larger
C5: 100 μF or smaller
C6: 0.01 to 0.1 μF
C7: 500 to 1000 μF
R1: 0.5 to 1.0 Megohm
R2: 1.0 to 1.5 Megohms
R3: 0.1 to 0.2 Megohm
R4: 0.5 to 1.0 Megohm
R5: 1.0 Megohm
R6: 0.1 to 0.2 Megohm

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DEC. 30, 1947
TUBE DEPARTMENT
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY
DIODE CIRCUITS