GAS-TRIODE
COLD-CATHODE GLOW-DISCHARGE TYPE

Maximum Overall Length 2-5/8"
Maximum Seated Height 2-1/16"
Maximum Diameter 1-5/16"
Bulb T-9
Base
Pin 1 - No Connection
Pin 2 - Cathode
Pin 3 - No Connection
Pin 5 - Anode
Mounting Position BOTTOM VIEW (G-4V) Any

CHARACTERISTICS

Peak Anode Breakdown Voltage (Grid tied to cathode) 180 min. volts
Peak Positive Grid Breakdown Voltage { 66 min. volts
{ 80 max. volts
D-C Anode Extinction Voltage 73 approx. volts
Grid Current (For transition of discharge to anode at 100 volts peak) { 25 av. μamp.
{ 50 max. μamp.
Anode Voltage-Drop 73 approx. volts
Grid Voltage-Drop 55 approx. volts

Maximum Ratings Are Design-Center Values

MAXIMUM RATINGS

Peak Cathode Current 100 max. ma.
D-C Cathode Current 25 max. ma.
Typical Operation as Relay Tube:
D-C Anode-Supply Voltage 125 - 145 volts
Peak Positive Grid-Bias Voltage 66 max. volts
Peak Grid-Signal Voltage 40 min. volts
Sum of Grid-Bias and Grid-Signal Voltages (Peak) 100 min. volts
D-C Grid Current 100 uamp.

Dec. 1, 1942
RCA RADIOTRON DIVISION
RCA MANUFACTURING COMPANY, INC.
TENTATIVE DATA