DU MONT GAS TRIODES

Types 2B4 and 6Q5G

Mechanical Dimensions, Basing, and Average Operating Characteristics

The Types 2B4 and 6Q5G Gas Triodes are intended for use in Du Mont Cathode-ray Oscillographs for sweep oscillator service. They are also designed for applications where a gas triode is required for control and counter circuits and where a wide frequency range is desired for sweep oscillators.

CHARACTERISTICS

	6Q5G	2B4
Heater		
Voltage (A-C or D-C)	6.3	2.5 volts
Current	0.6	1.4 ampere

Direct Interelectrode Capitances (Nominal)

Grid to anode	2.8 $\mu\mu$f.
Grid to cathode	1.7 $\mu\mu$f.
Anode to cathode	2.0 $\mu\mu$f.
Tube Voltage Drop	19 volts approx.

Maximum Overall Length	4⅛"	4-3/16"
Maximum Diameter	1-9/16"	1-9/16"
Bulb	ST12	ST12
Base	Small shell	Small
	Octal 8 pin	5 pin
Basing—RMA Basing Designation	6Q	5A

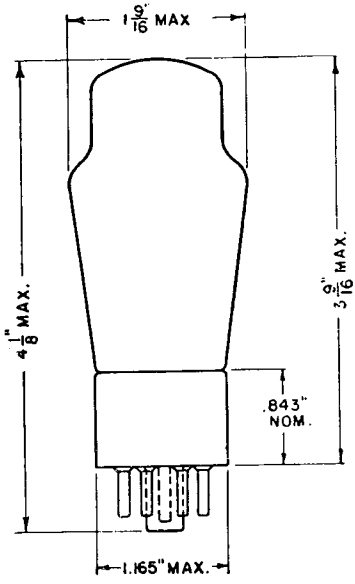
SWEEP-CIRCUIT OSCILLATOR SERVICE

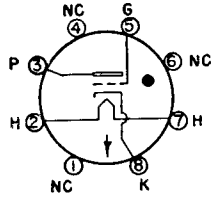
Anode Voltage (Instantaneous)	300 volts (max.)
Peak Anode Current	300 milliamperes (max.)
Average Anode Current	1 milliampere (max.)
Grid Resistance	10,000 ohms (min.) 100,000 ohms (max.)

Frequency Range:

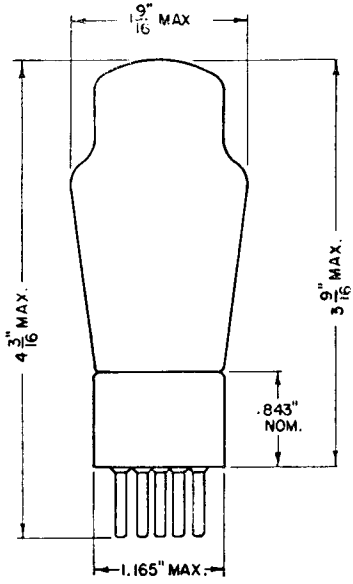
2B4	1-30,000 cps
6Q5G	1-50,000 cps

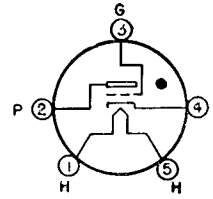
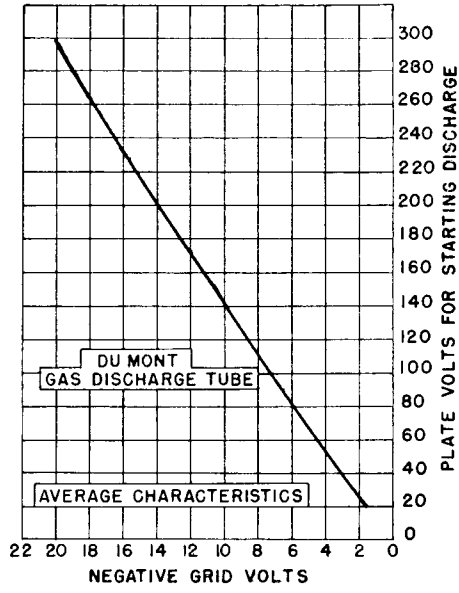
Mechanical Dimensions, Basing, and Average Operating Characteristics





6-Q
Type 6Q5G





5-A
Type 2B4