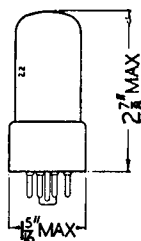
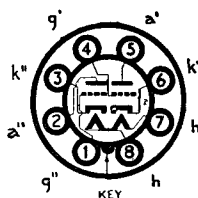


13D1
13D2
13D3



Industrial Type
TYPE 13D1
(Previously Coded 25SN7GT)
(OCTAL BASE)
DOUBLE TRIODE
(SEPARATE CATHODES)
CHARACTERISTICS



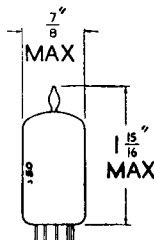
BRIMAR type 13D1 has been specially designed for use in aircraft and Industrial equipment where reliability is of importance. It supersedes type 25SN7GT and is a direct replacement for it. Except for the heater rating the characteristics are nominally the same as for the type 6SN7GT.

Heater Voltage ...	...	...	...	...	25	volts	
Heater Current ...	...	...	...	...	0.15	amp.	
Anode Voltage ...	...	...	...	...	100		250 volts
Anode Current ...	...	...	...	...	10.6		9.0 mA
Grid Voltage ...	...	...	...	...	0		-8 volts
Cathode Bias Resistor ...	...	...	...	...	-		1,100 ohms
Anode Impedance ...	...	...	...	...	8,000		7,700 ohms
Mutual Conductance ...	...	...	...	...	2.5		2.6 mA/V
Amplification Factor ...	...	...	...	...	20		20

For further information and characteristic curves refer to type 6SN7GT.

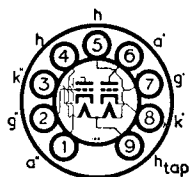
TYPE 13D2

Characteristics precisely similar to type 6SN7GT.



B9A (Noval) Base

Industrial Type
TYPE 13D3
MINIATURE
DOUBLE TRIODE
(MEDIUM MU)



BRIMAR type 13D3 is an indirectly heated double triode, particularly suitable as a D.C. amplifier and low noise amplifier.

RATINGS										
Heater Voltage ...	...	...	...	...	...	...	...	...6.3	} or {	12.6 volts
Heater Current ...	...	...	...	...	...	...	...	...0.6		
Anode Voltage ...	...	...	...	...	...	...	...	...		300 volts max.
Anode Dissipation (each Section)	...	...	...	...	...	...	...	...		5.0 watts max.
Anode Voltage (Zero Anode Current)	...	...	...	...	...	...	...	...		550 volts max.

OPERATING CHARACTERISTICS									
Anode Voltage	...	...	...	...	...	...	...	...	250 volts
Anode Current	...	...	...	...	...	...	...	...	6.0 mA.
Grid Voltage	...	...	...	...	...	...	...	...	-4.6 volts
Anode Impedance	...	...	...	...	...	...	...	...	14,000 ohms
Mutual Conductance	...	...	...	...	...	...	...	...	2.3 mA/V
Amplification Factor	...	...	...	...	...	...	...	...	32

INTER-ELECTRODE CAPACITANCES *					
				Section 1	Section 2
Input ...	...	...	...	2.3	2.3 pF
Output ...	...	...	...	0.95	0.85 pF
Grid to Anode ...	...	...	...	2.1	2.1 pF
Anode to Anode ...	...	...	...		1.0 pF

* With no external shield.

