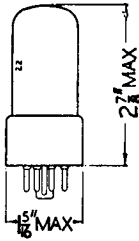
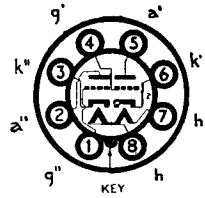


13D1
13D2
13D3



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

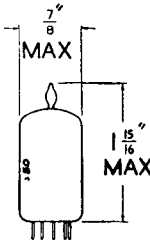
For further information and characteristic curves refer to type 6SN7GT.

TYPE 13D2

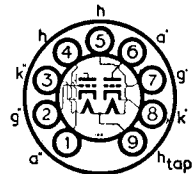
Characteristics precisely similar to type 6SN7GT.

Industrial Type

TYPE 13D3
MINIATURE
DOUBLE TRIODE
(MEDIUM MU)



B9A (Noval) Base



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.

