



25B8-GT

## TRIODE-PENTODE

Heater	Coated Unipotential Cathodes	
Voltage	25	a-c or d-c volts
Current	0.15	amp.

Direct Interelectrode Capacitances:<sup>o</sup>

## Triode Unit:

Grid to Plate	2.2	$\mu\text{f}$
Grid to Cathode	5.0	$\mu\text{f}$
Plate to Cathode	4.6	$\mu\text{f}$

## Pentode Unit:

Grid to Plate	0.02	$\mu\text{f}$
Input	5.5	$\mu\text{f}$
Output	10.0	$\mu\text{f}$
Pentode Grid to Triode Grid	0.02	$\mu\text{f}$
Pentode Plate to Triode Grid	0.075	$\mu\text{f}$
Pentode Grid to Triode Plate	0.009	$\mu\text{f}$

Maximum Overall Length 3-5/16"

Maximum Seated Height 2-3/4"

Maximum Diameter 1-5/16"

Bulb T-9

Cap Skirted Miniature

Base Intermediate Shell Octal 8-Pin

Pin 1 - Pentode Cathode

Pin 2 - Heater

Pin 3 - Pentode Plate

Pin 4 - Pentode Screen

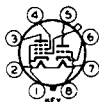
Pin 5 - Triode Plate

Pin 6 - Triode Cathode

Pin 7 - Heater

Pin 8 - Triode Grid

Cap - Pentode Grid



BOTTOM VIEW (8T)

TRIODE UNIT

## Typical Operation and Characteristics:

Plate	100	volts
Grid	-1	volt
Amp. Fact.	112	
Plate Res.	75000	ohms
Transcond.	1500	$\mu\text{mhos}$
Grid Bias for Plate Cur. - Cut-Off (approx.)	-2.5	volts
Plate Current	0.6	ma.

PENTODE UNIT

## Typical Operation and Characteristics:

Plate	100	volts
Screen	100	volts
Grid	-3	volts
Plate Res.	185000	ohms
Transcond.	2000	$\mu\text{mhos}$
Grid Bias for Transcond. of 2 $\mu\text{mhos}$	-41	volts
Plate Cur.	7.6	ma.
Screen Cur.	2	ma.

<sup>o</sup> In circuits where the cathode is not directly connected to the heater, the potential difference between heater and cathode should be kept as low as possible.

<sup>o</sup> Values are approximate.