



6B8-G

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### TWIN DIODE—REMOTE-CUTOFF PENTODE

#### GENERAL DATA

##### Electrical:

Heater, for Unipotential Cathode:

Voltage. . . . .	6.3	ac or dc volts
Current. . . . .	0.3	amp

Direct Interelectrode Capacitances (Pentode Unit):<sup>o</sup>

Grid No.1 to Plate . . . . .	0.01 max.	$\mu\mu\text{f}$
Input. . . . .	3.6	$\mu\mu\text{f}$
Output . . . . .	9.5	$\mu\mu\text{f}$

<sup>o</sup> with external shield connected to cathode.

##### Mechanical:

Mounting Position. . . . .	Any
Maximum Overall Length . . . . .	4-15/32"
Seated Length. . . . .	3-3/4" $\pm$ 5/32" ←
Maximum Diameter . . . . .	1-9/16"
Bulb . . . . .	ST-12
Cap. . . . .	Skirted Miniature
Base . . . . .	Small-Shell Octal 8-Pin
Basing Designation for BOTTOM VIEW . . . . .	G-8E

Pin 1 - No Connection		Pin 6 - Pentode Grid No.2
Pin 2 - Heater		Pin 7 - Heater
Pin 3 - Pentode Plate		Pin 8 - Cathode, Pentode Grid No.3
Pin 4 - Diode No.2 Plate		Cap - Pentode Grid No.1
Pin 5 - Diode No.1 Plate		

*Maximum Ratings, Characteristics, and Typical Operating Conditions are the same as for Type 6B7.*

*Curves for the pentode unit of the 6B8-G are the same as those for Type 6B7.*

*For Diode Considerations, see front of this Section.*

← Indicates a change.

DEC. 30, 1947

TUBE DEPARTMENT  
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

DATA