TECHNICAL DATA

1H6GT

Sylvania

TYPE 1H6GT

DUODIODE MEDIUM-MU TRIODE

PHYSICAL SPECIFICATIONS

Style	GT
Base	Intermediate shell Octal 8 Pin
Bulb	T9
Diameter	1 5/16" Max.
Overall Length	3 5/16" Max.
Seated Height	2 3/4" Max.
Mounting Position	Vertical*

BASE PIN CONNECTIONS

Pin 1 - No Connection
Pin 2 - + Filament
Pin 3 - Plate
Pin 4 - Diode No. 2 ⊕
Pin 5 - Diode No. 1
Pin 6 - Grid
Pin 7 - - Filament
Pin 8 - No Connection

RMA Basing 7AA-O-6

RATINGS

Filament Voltage DC ±10%	2.0	Volts
Filament Current	60	Ma.
Maximum Plate Voltage	135	Volts

**Horizontal operation is permitted if the plane of pins 2 and 7 is vertical.*
⊕Diode No. 2 is at the positive end of the filament and Diode No. 1 at the negative end.

Direct Interelectrode Capacitances#:

Grid to Plate	3.5	μμf.
Input	1.6	μμf.
Output	1.9	μμf.

#With no external shield.

TYPICAL OPERATING CONDITIONS

Class A Operation Triode Section

Filament Voltage	2.0	Volts
Filament Current	60	Ma.
Plate Voltage	135	Volts
Grid Voltage	-3.0	Volts
Plate Resistance	35,000	Ohms
Transconductance	575	μmhos
Amplification Factor	20	
Plate Current	0.8	Ma.

Diode Units

The difference in voltage between the two diode units may be used to obtain different signal delay effects when used in AVC circuits. No. 1 diode will give the normal minimum delay.

CIRCUIT APPLICATION

Sylvania Type 1H6GT is electrically equivalent to Type 1H6G, except for the smaller bulb. The characteristics are also identical with those of Type 185.

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