



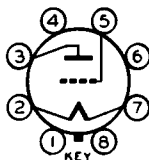
1H4-G

Filament	Coated	
Voltage	2.0	d-c volts
Current	0.06	amp.
Maximum Overall Length		4-1/8"
Maximum Diameter		1-9/16"
Bulb		ST-12
Base		Small Shell Octal 7-Pin
Pin 1-No Connection		Pin 5-Grid
Pin 2-Filament +		Pin 7-Filament -
Pin 3-Plate		Pin 8-No Connection
Pin 4-No Connection		
Mounting Position		

Diagram showing the bottom view of the vacuum tube base with pins numbered 1 through 8. Pin 1 is at the top, pin 5 is at the bottom, and pins 2, 3, 4, 6, 7, 8 are arranged around the perimeter. A key symbol is located between pins 1 and 2.

BOTTOM VIEW

Vertical, Base Down



BOTTOM VIEW

Vertical, Base Down[◇]

Filament	2.0	2.0	2.0	d-c volts
Plate	90	135	180 max.	volts
Grid *	-4.5	-9	-13.5	volts
Amp. Fact.	9.3	9.3	9.3	
Plate Res.	11000	10300	10300	ohms
Transcond.	850	900	900	μmhos
Plate Cur.	2.5	3.0	3.1	ma.

Plate Voltage	180 max. volts
Peak Plate Current	50 max. ma.
Zero-Signal Plate Current	1.5 max. ma.

Filament	2.0	d-c	volts
Plate	157.5		volts
Grid	-15		volts
Zero-Signal D-C Plate Current	1.0		ma.
Load Resistance (per tube)	2000		ohms
Effective Load Res. (plate to plate)	8000		ohms
Maximum-Signal Driving Power	260		mw.
Power Output #	2.1		watts

Typical Operation: <i>Biased</i>				<i>Grid-Leak</i>	
Filament	2.0	2.0	2.0	2.0	d-c volts
Plate	90	135	180 max.	45 max.	volts
Grid	-90	-13.5	-18	Return to (+) Fil.	volts
Plate Cur.	Adjusted to 0.2 ma. with no input signal. [§]				
Grid Leak	-	-	-	1 to 5	megohms
Grid Condenser	-	-	-	0.00025	μf

← Indicates a change.

IH4-G



IH4-G

AVERAGE PLATE CHARACTERISTICS

