



IC7-G

## PENTAGRID CONVERTER

IC7-G  
1D5-GP

Filament	Coated	
Voltage	2.0	d-c volts
Current	0.120	amp.
Direct Interelectrode Capacitances: <sup>o</sup>		
Grid #4 to Plate	0.26	μuf ←
Grid #4 to Grid #2	0.32	μuf
Grid #4 to Grid #1	0.11	μuf
Grid #1 to Grid #2	1.2	μuf
Grid #4 to All Other Electrodes (R-F Input)	10	μuf
Grid #2 to All Other Electrodes Except Grid #1 (Osc. Output)	5.5	μuf
Grid #1 to All Other Electrodes Except Grid #2 (Osc. Input)	4.8	μuf
Plate to All Other Electrodes (Mixer Output)	14	μuf
Overall Length	4-7/32" to 4-15/32"	
Seated Height	3-21/32" to 3-29/32"	←
Maximum Diameter	1-9/16"	
Bulb	ST-12	
Cap	Skirted Miniature	
Base	Small Shell Octal 8-Pin	
Pin 1 - No Connection	Pin 6 - Grid #2	
Pin 2 - Filament +	Pin 7 - Filament -	
Pin 3 - Plate	Pin 8 - No Connection	
Pin 4 - Grids #3 & #5	Cap - Grid #4	
Pin 5 - Grid #1		
Mounting Position	BOTTOM VIEW (G-7Z)	Vertical, Base Down <sup>o</sup>

<sup>o</sup> Horizontal operation permitted if pins 2 and 7 are in vertical plane.  
<sup>o</sup> with close-fitting shield connected to negative filament terminal.  
← indicates a change.

*Maximum Ratings, Typical Operating Conditions and Curve for Type IC7-G are the same as for Type IC6.*

1D5-GP

## SUPER-CONTROL R-F AMPLIFIER PENTODE

Filament	Coated	
Voltage	2.0	d-c volts
Current	0.060	amp.
Overall Length	4-7/32" to 4-15/32"	
Seated Height	3-21/32" to 3-29/32"	←
Maximum Diameter	1-9/16"	
Bulb	ST-12	
Cap	Skirted Miniature	
Base	Small Shell Octal 7-Pin	
Pin 1 - No Connection	Pin 5 - No Connection	
Pin 2 - Filament +	Pin 7 - Filament -	
Pin 3 - Plate	Pin 8 - No Connection	
Pin 4 - Screen	Cap - Grid	
Mounting Position	BOTTOM VIEW (G-5Y)	Vertical, Base Down <sup>o</sup>

<sup>o</sup> Horizontal operation permitted if pins 2 and 7 are in vertical plane.  
← indicates a change.

*Operating Conditions and Curves for Type 1D5-GP are the same as for type 1A4-P.*