

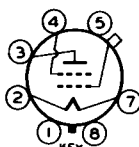
1D5-GT
1D7-G



1D5-GT

SUPER-CONTROL R-F AMPLIFIER TETRODE

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		Vertical ◊



BOTTOM VIEW (G-5R)

AMPLIFIER

Typical Operation and Characteristics - Class A_1 Amplifier:

Plate	135	180	volts
Screen	67.5	67.5	volts
Grid	-3	-3	volts
Plate Res.	0.35	0.6	approx. megohm
Transcond.	625	650	μ mhos
Grid Bias for			
Transcond. = 15 μ mhos	-15	-15	volts
Plate Cur.	2.2	2.2	ma.
Screen Cur.	0.7	0.7	ma.

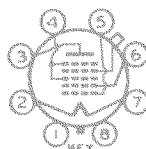
◊ Horizontal operation permitted if pins 2 and 7 are in vertical plane.



1D7-G

PENTAGRID CONVERTER

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 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		Vertical, Base Down ◊



BOTTOM VIEW (G-7Z)

For curve and additional data, refer to Type 1A6. The 1D7-G and the 1A6 are identical electrically.

◊ Horizontal operation permitted if pins 2 and 7 are in vertical plane.

◄ Indicates a change.

May 1, 1941

RCA RADIOTRON DIVISION
RCA MANUFACTURING COMPANY, INC.

TENTATIVE DATA