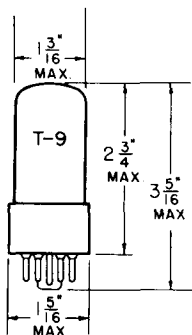


TUNG-SOL



BEAM POWER AMPLIFIER

COATED FILAMENT

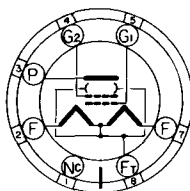
SERIES FILAMENTS

 2.8 VOLTS
 .05 AMP.

PARALLEL FILAMENTS

 1.4 VOLTS
 .10 AMP.

GLASS BULB



BOTTOM VIEW

 *INTERMEDIATE SHELL
 OCTAL 7 PIN BASE

ANY MOUNTING POSITION

TYPE 3B5GT IS DESIGNED FOR AUDIO SERVICE IN PORTABLE EQUIPMENT WHERE THE PLATE VOLTAGE SUPPLY IS LIMITED.

RATINGS

INTERPRETED ACCORDING TO RMA STANDARD MB-210

	SERIES FILAMENTS	PARALLEL FILAMENTS	
MAXIMUM PLATE VOLTAGE	67.5	67.5	VOLTS
MAXIMUM CATHODE CURRENT	6.0 ^A	12	MA.
MAXIMUM SCREEN VOLTAGE	67.5	67.5	VOLTS

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

	SERIES FILAMENTS	PARALLEL FILAMENTS	
PLATE VOLTAGE	67.5	45 67.5	VOLTS
SCREEN GRID VOLTAGE	67.5	45 67.5	VOLTS
CONTROL GRID VOLTAGE	-7.0	-4.5 -7.0	VOLTS
PLATE CURRENT	6.7	4.4 8.0	MA.
SCREEN CURRENT	0.5	0.3 0.6	MA.
TRANSCONDUCTANCE	1 500	1 400 1 650	μMHOS
PLATE RESISTANCE	0.1	0.1 0.1	MEGOHM
LOAD RESISTANCE	5 000	8 000 5 000	OHMS
POWER OUTPUT	180	70 200	MW.
TOTAL HARMONIC DISTORTION	10	12 10	PER CENT

^A PER 1.4 VOLT FILAMENT SECTION (SHUNTING RESISTOR ACROSS NEGATIVE SECTION OF FILAMENT MAY BE NECESSARY TO LIMIT CURRENT TO VALUE SHOWN.)