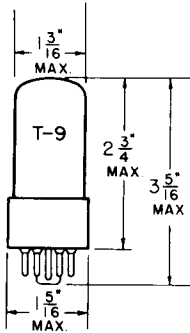


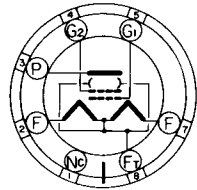
TUNG-SOL

BEAM POWER AMPLIFIER



COATED FILAMENT

SERIES FILAMENTS	PARALLEL FILAMENTS
2.8 VOLTS .05 AMP.	1.4 VOLTS .10 AMP.



BOTTOM VIEW

INTERMEDIATE SHELL
OCTAL 7 PIN BASE

GLASS BULB

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.)