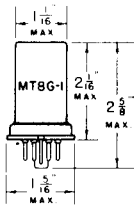


TUNG-SOL



METAL SHELL
SMALL WAFER
6 PIN OCTAL BASE
6SF5

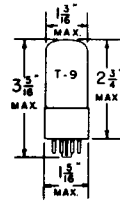
HIGH MU TRIODE AMPLIFIER

UNIPOTENTIAL CATHODE

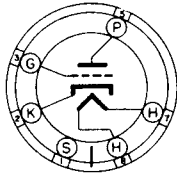
HEATER

6.3 VOLTS 0.3 AMPERE

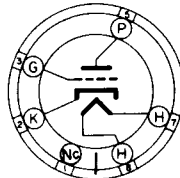
AC OR DC



GLASS BULB
INTERMEDIATE
6 PIN OCTAL BASE
6SF5GT



6A8



G-6A8

BOTTOM VIEWS

THE TUNG-SOL 6SF5 AND 6SF5GT ARE GENERAL PURPOSE HIGH MU TRIODES. THEY ARE DESIGNED FOR SERVICE AS HIGH GAIN RESISTANCE COUPLED AMPLIFIERS IN AC AND AC-DC OPERATED RECEIVERS.

RATINGS

HEATER VOLTAGE (AC OR DC)	6.3	VOLTS
HEATER CURRENT	0.3	AMPERE
MAXIMUM PLATE VOLTAGE	300	VOLTS

AVERAGE CHARACTERISTICS

PLATE VOLTAGE	100	250	VOLTS
CONTROL GRID VOLTAGE	-1	-2	VOLTS
PLATE CURRENT	0.4	0.9	MA.
PLATE RESISTANCE	85000	66000	OHMS
TRANSCONDUCTANCE	1150	1500	μMHMS
AMPLIFICATION FACTOR	100	100	

FOR "INTERPRETATION OF RATINGS" REFER TO FRONT OF BOOK.

CONTINUED NEXT PAGE

6SF5, 6SF5GT

TUNG-SOL

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

ZERO BIAS, RESISTANCE COUPLED, CLASS A₁ AMPLIFIER

PLATE SUPPLY VOLTAGE	.100	300		VOLTS
PLATE LOAD RESISTOR	0.25	0.25		MEGOHM
GRID RESISTOR	10	10		MEGOHM
COUPLING CONDENSER	.01 to .005		.01 to .005	
				μf
GRID RESISTOR FOR FOLLOWING TUBE	.5 to 1.0	.5 to 1.0		MEGOHM
EXTERNAL GRID CIRCUIT IMPEDANCE	0	0	0	MEGOHM
VOLTAGE GAIN	48	52	66	71
VOLTAGE OUTPUT (RMS) ^A	7.0	8.5	44	50
				VOLTS

^A AT FIVE PER CENT TOTAL HARMONIC DISTORTION

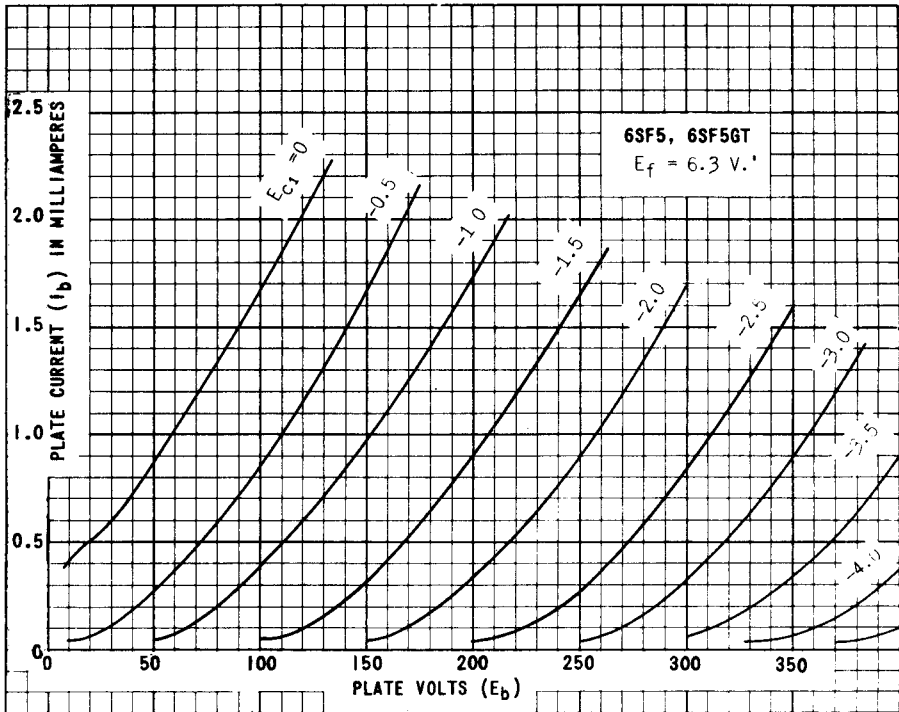


PLATE
1087-1