

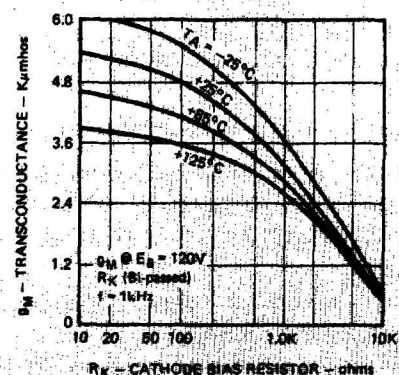
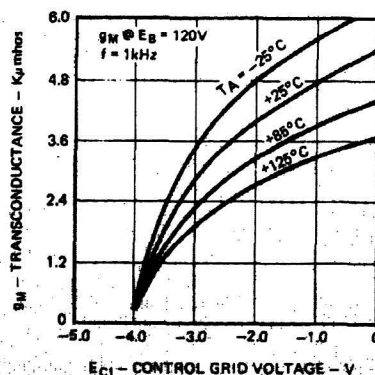
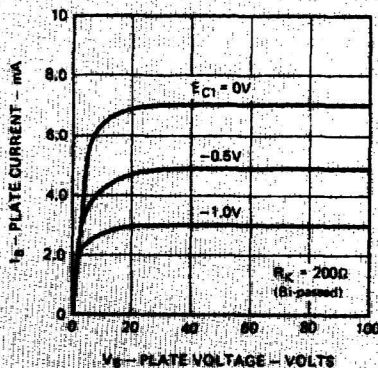
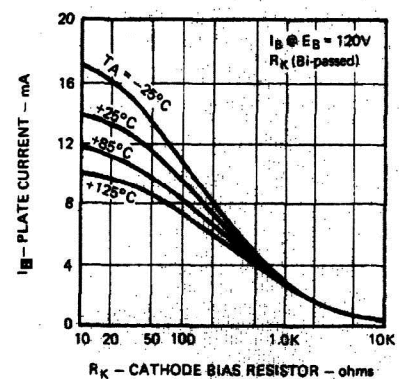
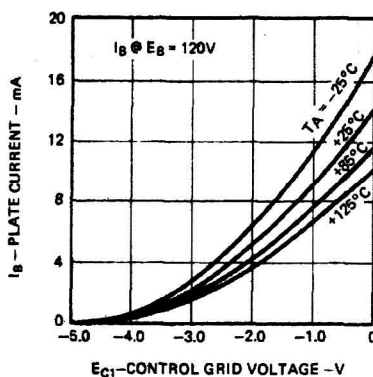
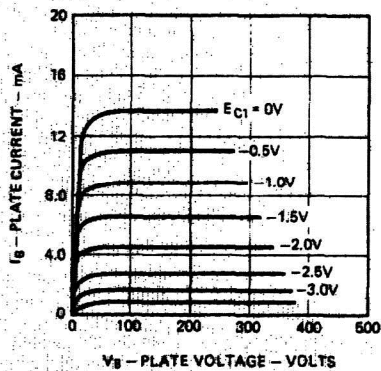
General Characteristics (Stated in conventional tube terminology)

Heater Voltage	N/C (Open)
Heater Current	N/C
Grid No. 1 to Plate Capacitance	0.02 μ F
Grid No. 1 to Cathode Capacitance	8.0 μ F
Grid No. 2 and Grid No. 3 Capacitance	N/C

Operating Conditions and Characteristics (At 25°C unless otherwise specified)

Characteristic	Symbol	Min.	Typ.	Max.	Units
Plate Supply Voltage	E_b		250	300	V
Grid No. 2 Supply Voltage	E_{C2}		N/C		
Grid No. 1 Voltage	E_{C1}		-2		V
Plate Resistance	r_p	0.5	3.0		M Ω
Transconductance	gm	4000	6500	9000	μ mhos
Grid No. 1 Voltage for 10 μ A Plate Current	E_{C1}		-6.0	-10.0	V
Plate Current	I_b	4.0	10	13	mA
Grid No. 2 Current	I_{C2}		N/C		
Amplification Factor	μ	2000	19500		
Grid Current	I_{C1}		0.5	100	nA

Average Plate Characteristics



NOTE: In series filament circuits, all tubes must be replaced by solid state replacements or appropriate resistor connected externally between pins 3 and 4. Some applications may require modified TS6AM6. Consult Teledyne Semiconductor for application information.