

MECHANICAL DATA

Bulb	T-9
Base ¹	Intermediate Shell Octal, Low Loss Phenolic 8-Pin
Basing	8BD
Cathode	Coated Unipotential
Mounting Position	Any

RATINGS

Shock (Intermittent Service-Abs. Max.)	450 g
Vibration (Continuous Service-Design Center)	2.5 g
Mechanical Resonance	None Below 100 cps

ELECTRICAL DATA

HEATER CHARACTERISTICS

Heater Voltage (Avg.)	6.3 Volts
Heater Voltage (Abs. Max.)	7.0 Volts
Heater Voltage (Design Center)	6.3 Volts
Heater Current (Avg.) ²	300 Ma
Heater Current (Max.)	325 Ma
Heater Current (Min.) ²	275 Ma

RATINGS

	Absolute Max.	Design Center
Plate Voltage	275	250 Volts
Plate Dissipation (Each Plate)	1.1	1.0 Watts
Positive Grid Voltage		0 Volts
Heater-Cathode Voltage	100	90 Volts

CHARACTERISTICS AND TYPICAL OPERATION

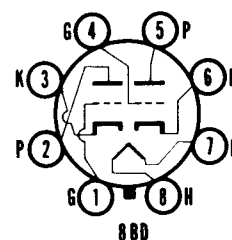
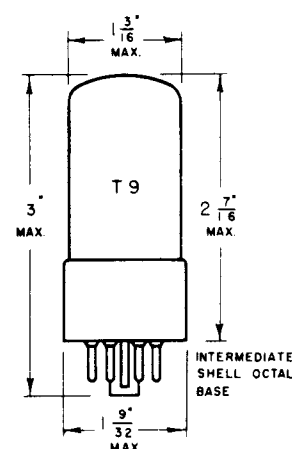
Class A Amplifier	Min. ²	Avg.	Max. ²
Plate Voltage		250	Volts
Grid Voltage		-2	Volts
Cathode Bias Resistor		870	Ohms
Plate Current	1.4	2.3	3.2 Ma
Transconductance	1200	1600	2000 μ mhos
Amplification Factor	55	70	85
Plate Current When $E_c = -5.75$ Volts			25 μ a
Heater-Cathode Leakage at ± 100 Volts			20 μ a
Grid Current			1.0 μ a

NOTES:

1. Maximum base dielectric loss factor is 0.1. Reference: ASTM Designation D-150-47T.
2. Limits given here are the extremes which may be found in production.

QUICK REFERENCE DATA

Rugged high mu twin triode designed for service as a resistance coupled amplifier or phase inverter in applications requiring resistance to shock and vibration.

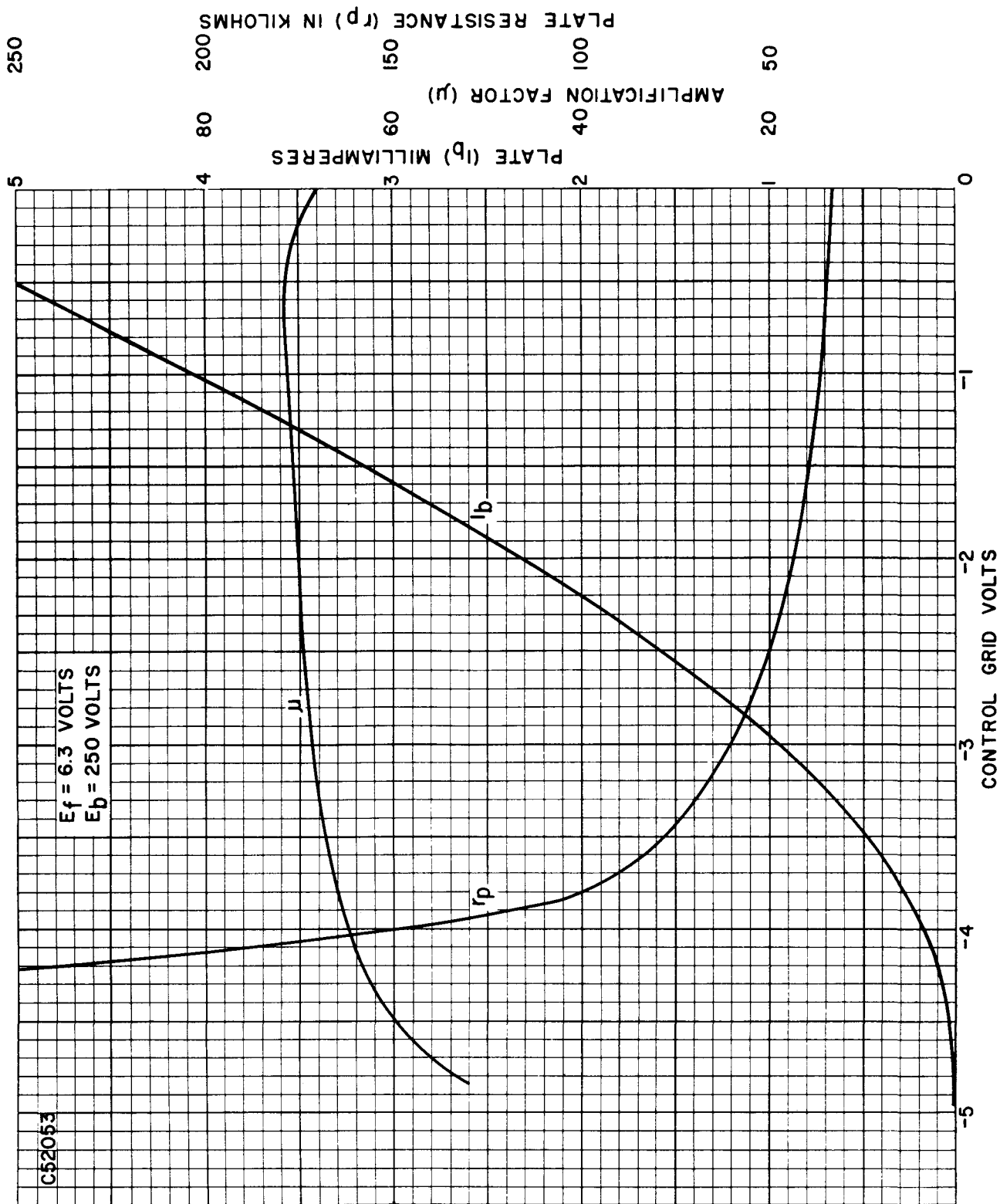


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AVERAGE TRANSFER CHARACTERISTICS



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6SL7WGT

AVERAGE PLATE CHARACTERISTICS

