High-Mu Twin Triode

9-PIN MINIATURE TYPE

For High-Fidelity Audio-Amplifier Applications Critical as to Moise and Hum

GENERAL DATA

Electrical:	
	olts amp
Direct Interelectrode Capacitances (Approx.):	anp
Grid to plate 1.7 1.7	μμf μμf
Plate to cathode and heater. 0.46 0.34	μμf
Equivalent Moise and Hum Voltage (Referenced to Grid, Each Unit):	
Average Value (RMS)	ıd i –
transformer connected to ground; plate supply volts (DC 250; plate load resistor (megohms) = 0.1; cathode resist (ohms) = 2700; cathode bypass capacitor (μ f) = 100; q	() = () stor
resistor (ohms) = 0; amplifier frequency range 25 10000 cps.	to
Characteristics, Class A Amplifier (Each Unit):	
	olts
Amplification Factor 100 100	
	ohms nhos
Plate Current 0.5 1.2	ma
Mechanical:	
Operating Position 2-3/ Maximum Overall Length 2-3/ Maximum Seated Length 1-15 Length Base Seat to Bulb Top (Excluding tip) 1-9/16" ± 3/	/16" /32"
Diameter 0.750" to 0.8 Dimensional Outline See General Sect	375"
Bulb	. 10n -1/2
Bulb) 11

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Basing Designation for BOTTOM VIEW . Pin 6 - Plate of Pin 1 - Plate of Unit No.2 Unit No.1 Pin 2-Grid of Pin 7-Grid of Unit No. 2 Unit No.1 Pin 3 - Cathode of Pin 8 - Cathode of Unit No. 2 Unit No.1 Pins 4 & 9 - Heater of (2 Pin 9 - Heater Tap Unit No.2 Pins 5 & 9 - Heater of Unit No.1

AMPLIFIER - CLASS AL

Values are for Each Unit

Maximum Ratings, Design-Maximum Values:											
PLATE VOLTAGE									330	max.	volts
GRID VOLTAGE:											
Negative-bias	value.								55	max.	volts
Positive-bias	value.			٠					0	max.	volts
PLATE DISSIPATIO	N								1.2	max.	watts
PEAK HEATER-CATH	ODE VO	LTAG	Ε:								
Heater negativ	a with	roc	nact	to	ca	t he	٦d د	_	200	mav	valte

Typical Operation as Resistance-Coupled Amplifier:

Heater positive with respect to cathode.

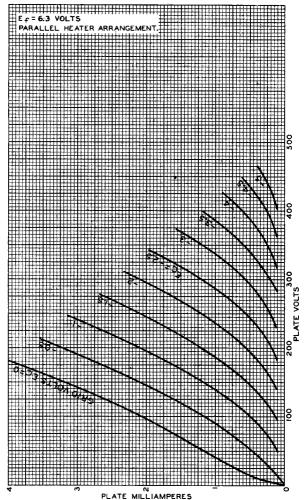
See RESISTANCE-COUPLED-AMPLIFIER CHART No. 25 at front of this Section

200° max.

volts

- Without external shield.
- The dc component must not exceed 100 volts.

AVERAGE PLATE CHARACTERISTICS Each Unit

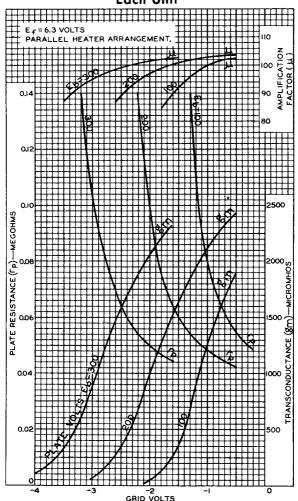


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AVERAGE CHARACTERISTICS Each Unit



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