### High-Mu Twin Double-Plate Triode

#### 9-PIN MINIATURE TYPE

For Frequency-Divider and Complex-Wave-Generator Circuits of Electronic Musical Instruments

#### GENERAL DATA

Electificat.	
Heater, for Unipotential Cathode:	
Voltage (AC or DC)	12.6 ± 10% volts
Current at 12.6 volts	0.15 amp
Direct Interelectrode Capacitances (Approx	.): <del>^</del>
Grid to either plate (Each unit)	0.9 <i>μ</i> μτ
Grid to cathode and heater (Each Unit).	1.8 μμ.f
Plate A of unit No.1 to cathode and heater	0.34 <i>µ</i> µ.f
Plate B of unit No.1 to cathode and heater	0.24 μμ.f
Plate A of unit No. 2 to cathode and heater	0.3 μμf
Plate Bof unit No.2 to cathode and heater	0.18 <i>ա</i> այք
Plate A to plate B (Each unit)	0.7 <i>դդ</i> ւք
Plate A of unit No.1 to plate A of	
unit No.2	1.4 عيبر f
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Characteristics, Class A <sub>1</sub> Amplifier (Each	
Using either plate A or plate	
plate not in use connected t	
Plate Voltage	250 volts
Grid Voltage	-1.5 volts
Amplification Factor	95
Plate Resistance (Approx.)	76000 ohms
Transconductance	$\mu$ mhos
Plate Current	1.5 ma
Mechanical:	
Operating Position	Any
Operating Position	2_3/16"
Maximum Seated Length	1-15/16"
Maximum Seated Length	1-9/16" ± 3/32"
Diameter	. 0.750" to 0.875"
Diameter	See General Section
Bulb	T6-1/2
Base	-Pin (JEDEC No.E9-1)
Basing Designation for BOTTOM VIEW	9KT
Pin 1 - Plate B of	Pin 6 - Plate B of
Unit No.2 @ 3	Unit No.1
Pin 2 - Grid of	Pin 7 - Grid of
Unit No.2	Unit No.1
Pin 3 - Plate A of	Pin 8 - Plate A of
Unit No.2	Unit No.1
Pin 4 – Heater	Pin 9 - Cathode
Pin 5 - Heater	
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Electrical:

#### FREQUENCY-DIVIDER & COMPLEX-WAVE-GENERATOR SERVICE

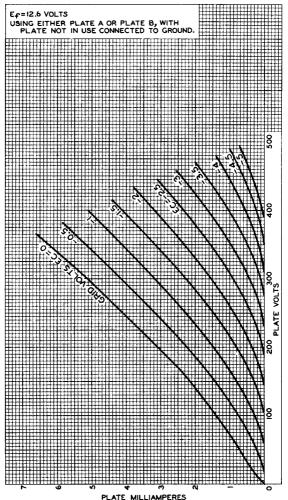
Values are for Each Unit

Maximum Ratings,	Design-Maximum Values:	
PLATE A VOLTAGE.		volts
GRID VOLTAGE:		
Positive-bias	value 0 max.	volts
PLATE A DISSIPAT	TON 0.5 max.	watt
PLATE B DISSIPAT	10N 0.5 max.	watt
PEAK HEATER-CATH	ODE VOLTAGE:	
Heater negative	e with respect to cathode 200 max.	volts
Heater pošitiv	e with respect to cathode 200 max.	volts

Without external shield.

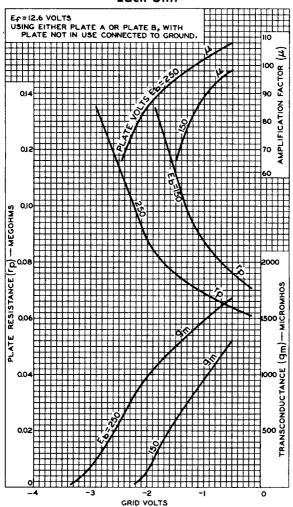
The dc component must not exceed 100 volts.

## AVERAGE PLATE CHARACTERISTICS Each Unit



92CM-10755RI

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