



## DIODE-TRIODE-R-F AMPLIFIER PENTODE

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Filament <sup>O</sup> Coated	
Filament Arrangement Series*	Paralle l**
Voltage 2.8	$\overline{1.4}$ d-c volts
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Current 0.05	<u> </u>
Direct Interelectrode Capacitances:	
Pentode Unit - Grid to Plate	0.012 max. μμτ 3.0 μμτ
input Output	10 µµf
Friode Unit - Grid to Plate (appr	ox.) 2.0 µµf
Grid to Filament (a	pprox.) 2.6 μμτ
Plate to Filament (	approx.) 4.2 µµf
Maximum Overall Length	3-7/16"
Maximum Seated Height	2–7/8"
Maximum Diameter	1-5/16"
Bulb	T <b>-</b> 9
Сар (4) <sub>Д</sub> (5)	Skirted Miniature
Page	Intermed Sh. Oatal O.D.a
(Fil Midtan Supply 3771	Pin 5 - Triode Grid
Pin 1 { Internal Shield	Pin 5 - Triode Grid Pin 6 - Triode Plate
Pin 2 = Filament	ノ Pin 7 — Filament —
Pin 3 - Pentode Plate Pin 4 - Pentode Screen	Pin 8 - Diode Plate Cap - Pentode Grid
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Mounting Position   BOTTOM VIEW (	8AS) Any
TRIODE UNIT	<u>r</u>
Plate Voltage	- 110 max. volts
Typical Operation and Characteristi	cs - Class A <sub>1</sub> Amplifier; 90 volts
Plate Voltage Grid Voltage	0 volts
Amplification Factor	65
Plate Resistance	0.2 approx. megohm
Transconductance Plate Current	325 μmhos 0.2 ma.
PENTODE UNI	_
Plate Voltage	110 max. volts
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Screen Voltage	110 max. volts
Screen Voltage Typical Operation and Characteristi	110 max. volts $cs - Class A_1$ Amplifier:
Screen Voltage Typical Operation and Characteristi Plate Voltage	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
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Screen Voltage Typical Operation and Characteristi Plate Voltage Screen Voltage Grid Voltage oo Plate Resistance	110 max. volts cs - Class A <sub>1</sub> Amplifier: 90 volts 90 volts 0.8 approx. megohm
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