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H-F. TWIN TRIODE

	Filament Coated		i i
		arallel**	
	Voltage 2.8	1.4 d-c volts	
	Current 0.11	0.22 amp.	•
	Direct Interelectrode Capacitances: °	unp:	
\sim	Triode Unit T1	Triode Unit T2	
	Grid to Plate 3.2	3.2 µµf	
· <u>, -</u>	Grid to Filament 0.9	0.9 µµf	
	Plate to Filament 1.0	1.0 µµf	
	Plate to Plate 0.32	μμf	
	Maximum Overall Length	2-1/8"	
	Maximum Seated Height	1-7/8"	
	Maximum Diameter	3/4"	
\frown	Bulb	T-5-1/2"	
	Para		
. •	Pin 4 Filenant	iniature Button 7-Pin	
	Pin 2 - Plate T, P	in 5-Grid T ₁ in 6-Plate T.	
	Pin 3 - Grid T2 Pin 1- Fil. Mid-Tap 3(in 7-Fil.(+ series)	
	$Pin = \{(+ parallel) \}$		
	RCA Socket	Stock No.9914	
	Mounting Position BOTTOM VIEW (7BC)		
		Any	
	For convenience, one triode unit is identified		•
	Maximum Ratings Are Design-Cer		
	Plate Voltage <u>A-F POWER AMPLIFIER</u>	135 max. volts	
	Plate Current		
	Plate Dissipation	5 max; ma.	
	Characteristics - Class A, Amplifier:	0.5 max. watt	•
		00	
	Plate Voltage Grid Voltage	90 volts	
	Amplification Easter	-2.5 volts	
	Amplification Factor	15	
	Plate Resistance	8300 ohms	
\frown	l'ransconductance	1800 µmhos	
	Plate Current	3.7 ma.	
	R-F POWER AMPLIFIER & OSCILLATOR - C1	ass C Telegraphy	
	Rey-down conditions per tube without	modulation	
	D-C Plate Voltage	135 max. volts	
	D-C Grid Voltage	-30 max. volts	-
	D-C Plate Current (per unit)	15 max. ma.	
\frown	D-C Grid Current (per unit)	2.5 max. ma.	•
	Plate Input (per unit) 🔹 👘 👘	2.0 max. watts	
	Plate Dissipation (per unit)	1.0 max. watt	
	Typical Operation At 40 Mc With Both Uni	ts In Push-Pull:	
:	D-C Plate Voltage	135 volts	
	·	(-20 volts	
	D-C Grid Voltage 🖌	4000 ohms	
		570 ohms	
1	Peak R-F Grid-to-Grid Voltage	90 volts	
	D-C Plate Current	30 ma.	
	D-C Grid Current (approx.)	5 ma.	
ر معمر	Driving Power (approx.)	0.2 watt	
	Driving Power (approx.) Power Output (approx.) *, **, 0, 0, A, see next page	0.2 watt 2 watts	



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