		_			
	329	RCA			
X	/	1620			
		1020			
	TRIPLE-GRID DETECTOR AMPLIFIER				
+	Heater Co	bated Unipotential Ca			
	Voltage Current Direct Interelectr	6.3 0.3 ode Capacitances: ⁰		amp.	
	Pentode Connecti	0.005 max.		ן יעע	
	Input Output	7.0 12.0		704 744	
	Maximum Overall Le			3-1/8" 2-9/16"	
	Maximum Seated Hei Maximum Diameter	gnt		$\frac{2-9}{16}$	
	Bulb		Metal She		
	Cap Base	(a_5) s	۸ nall Wafer Oct	liniature	
	Pin 1-Shell	OF THE ST	Pin 5-Supp		
	Pin 2-Heater		Pin 7-Heat		
	Pin 3-Plate Pin 4-Screen		Pin 8-Cath Cap -Grid		
	Mounting Position	BOTTOM VIEW	oup on	Any	
	Naximum Ratings Are Design-Center Values				
	AMPLIFIER - Pentode Connection				
	Plate Voltage Screen Voltage		250 max. 100 max.		
->	Typical Operation	and Characteristics -	- Class A, Amp		
	Plate Screen	100 100	250 [*] 100	volts volts	
	Grid #	-3	-3	volts	
	Suppressor	Connected to ca	athode at sock		
	Plate Res. Transcond.	1.0 1185	1225	megohm µmhos	
	Grid Bias for ca	thode	1225	Janii 103	
	current cut-of Plate Cur.		-7	volts	
	Screen Cur.	2.0 0.5	2.0 0.5	ma. ma.	
	AMPLIFIER - Triode Connection ⁰⁰				
	Plate Voltage		250 max.	1	
	Typical Operation Plate	and Characteristics . 180	- Class A ₁ Am; 250	volts	
	Grid #	-5.3	-8	volts	
	Amp. Fact. Plate Res. Transcond.	11000 1800	10500 1900	ohms µmhos	
	I Plate Cur.	5.3	6.5	ma.	
For cathode-bias operation of the 1620 a minimum cathode-by-pass condenser of 25 µf is recommended to minimize human by-pass condenser of 25 µf is recommended to minimize human.				particu-	
	For cathode-bias operation of the 1620 a minimum cathode-resistor by-pass condenser of 25 µf is recommended to minimuz hum, particu- larly in circuits where the 1620 is followed by high-pain stages. When a 25 µf condenser or larger is used, the voltage difference be- tween heater and cathode is not critical, but it should be kept as low as possible. If less than a 25 µf condenser is used, positive or negative biasing of the heater with respect to the cathode is re- quired, but the bias value chosen for minimum hum should be within the range of +5 to +50 volts or -5 to -50 volts. ⁹ Widt shell connected to cathode. ⁹ Under maximum rated conditions, the d-c resistance in the grid cir- cuit should not exceed 1.0 megohm. • For the range of +10 megohm.				
	Screen and suppressor tied to plate.				
		is for the 1620 are t			
	·	r Type 6J7 also appl	y to the 1620		
	Jan, 1, 1943 ECA VICTOR DIVISION RADIO CORPORATION OF AMERICA, MARRISON, NEW JERSEY				
	KADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY				