VALVE ELECTRONIC CV225

ADMIRALTY SIGNAL ESTABLISHMENT

Specification AD/CV225/Issue 3.

Dated 7.3.47.

To be read in conjunction with K1001.

SECURITY

Specification

Valve

Unclassified

ENVELOPE:-	Air cooled suitable for amplifier ator at war greater the Directly her tungsten. Glass, unmer ACT17.	MARKING See K1001/4. For additional marking see Note A.							
Nominal filament voltage Nominal filament	(y)	10.5	Note	BASE AND DI	MENSIONS				
current Max. D.C. Anode	/(A)	24.0 3.5	В	PACKI	<u>NG</u>				
Working Peak Anode		1		See K1001/7.					
Max. Anode Dissipation (W)		5.0 600 0.4	В		`.				
Max. D.C. Anode current (A) Working Peak R.F.									
Anode current (A) 1.9									
Max. Grid Dissip		25 2•5							
Total Emission	/ (A)	2.0							
NOTES									

NOTES

- A. The exact value of the filament voltage shall be marked on the valve.
- B. With air cooling: see page 4. In addition to the air flow required for the anode an air blast is required on the filament.
- C. Ig to be distributed equally over the four leads.

CV225

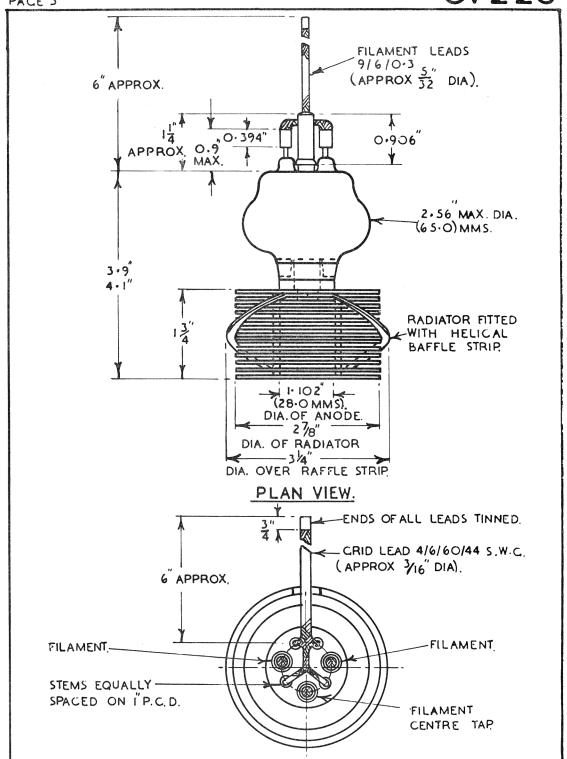
TESTS

To be performed in addition to those applicable in K1001. See Note 1.

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	Test Conditions						Limits		No.	
	Vf (V)	∀g (∀)	Va (V)	Ia (A)	Test		Min.	Max.	Tested	Note
a	Marked	-		-	If	(A)	22.0	26.0	100%	2
-	Volts		ACCUSED NO SECURIOR DE			Designation of the Control of the Co			or S	
b	Marked		2500	0.2	Ig thr					
Sales and the sa	THE PROPERTY OF THE PROPERTY O	justed	CONTRACTOR OF THE PROPERTY OF		out t					
For 10 mins.					(AuA)		50	100%		
C	Marked	-50	2000	x	gm					
	Volts		-000		, ,	(. 4)				
	Marked	-100	2000	У	(x-y)	(mA/V)	4.5	7.5	100%	
-	Volts				50		PRODUCTION OF THE PARTY OF THE			
d	Marked		3000		N					
de contrate	Volts	justed		above	1000		9.0	12.5	100%	
		= Z			(z-50)					
e	Marked		3500	0.45	DTS Ma			s must		
	Volts	1 1		to	RF Tes	36	oscil			
		grid	p.	0,60			satis		100%	
		leak		per				y over		-
			لسيسا	pair			the r	ange		
SECONDO	Operation in pairs for at						2.6 to			
Transformation of the Control of the	least 30 mins. at a wave-							. with-		
Selection of the select	length in the range 2.6							ign of		
to 6.0 m.				1	deteriora-					
TABLES ON THE PARTY OF T					I	tion				
10000000000000000000000000000000000000						as persis-				
							flash-			
							ing o			
							softe	ning.		

NOTES

- 1. All measurements are to be made with a 50 c/s filament supply. Va and Vg are measured with respect to the filament centre tap.
- 2. The marked Vf is to be in the range 9.0 to 11.0 V.



MAX, DISSIPATION: - 600 W.
IN ADDITION TO THE AIR FLOW REQUIRED
FOR THE ANODE AN AIR BLAST IS REQUIRED ON
THE FILAMENT SEALS TO MAINTAIN TEMPERATURE
LESS THAN 140° C.

