VALVE ELECTRONIC

CVX47I

MINISTRY OF SUPPLY (D.C.D.)

Specification MAP/CVXL71
Issue 3. Dated 2.10.1951
To be read in conjunction with K1001

	URITY
Specification UNCLASSIFIED	Valve
unclassified	UNCLASSIFIED

-	Indi	cate	a a	change
ar .	administration of the		⇔	~ 14000 BC ~

April 1900 September	TYPE OF VALVE - Audio Beam Power And GATHOLE - Indirectly Heated ENVELOPE - Glass, Unmetallosed PROTOTYPE - VX8054			See K.100 title she Type Appr omitted.	01/4 ex	CV X471"	nat the and the	desembanementeridigitie katifulkisiin maaramaan
DESCRIPTION OF STREET	RATING		Note		BA	SE 8 D		
Management of the Column	Heater Voltage Heater Current (A)	6.3 0.45			CONNE	CTIONS		
Accompanies for	Max. Anode Voltage (Ia = 0) (V) Max. Serven Voltage (Ig2 = 0) (V)	350 350	A	Pin		Electro	le	
	Max. Operating Anede Voltage (V) Max. Operating Screen Voltage (V) Max. Anode Dissipation (W) Max. Screen Dissipation (W) Mutual Conductance MA/V Anode Impedance (KΩ Anode Current (M) Max. Screen Current (M) Max. Cathode Current (M)	175 175 175 3.5 1.0 5.0 15 31 2.2 45	BBCCCC	1 2 3 4 5 6 7 8	DIMEN	Gathor G2	de + BP	AAAAAAAA
NAME AND ADDRESS OF THE OWNER, WHEN THE OWNER,	CAPACITANCES (pF)					g on Pa	ge 3	
MATERIAL SPACE	Cag (max.) Shielded	0.15		Dimensio	ons	Min.	Max.	
The section of the se	Cae (max.) Shielded Cge (max.) Shielded	7.0 8.0		A ma. B ma.			50.8 10.16	Service and control of the service o
ſ					ALCOHOLD STATE	The state of the s		1

NOTES

- A. Absolute maximum values.
- B. Design centre values.
- G. All measured at Va = Vg2 = 100; Vg1 = -9.



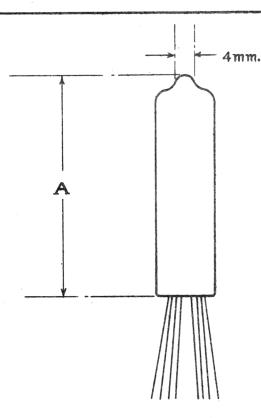
TESTS

To be performed in addition to those applicable in K1001

Test Conditions					Lons		Test		Limits		No.	Note
							Min.	Max.	Tested			
See K1001/AIII												
	Link to 1	i.P.	P. to L.P.				CAPACITA	NCE (pF)				
	5				2,	,3,4,6,7 8, sh.	Cag			0.15	6	
a.	5					1	1 Cae		6.0	8.0	p er	1
	1 2,3,4,6,7 8, Sh.		7	5 Cge			7.0	9.0	Week			
	٧h	Va	V g2	Vg3	Vg1	Ia					4000	
ъ	6.3	-	-	=	-	-	Ih	(mA)	405	. 495	100% or 3	
3	6.3	100	100	0	-	31 mA	Vg1	(₹)	-6.0	-12.0	100%	
d	6.3	100	100	0	-	31 mA	gm	(mA/V)	4.0	6.0	100%	
	6.3	100	100	0	-	31: mA	Ig2	(mA)		3.5	100%	
Î	6.3	100	100	0	-	31 mA	Reverse	Ig (μA)		1.5	100%	

notes

 Capacities measured with close fitting shield. Connections refer to valve pins. Cag should be measured at R.F.



BULB STRAIGHTNESS TEST

The finished valve must passthrough a cylindrical gauge of length at least equal to that of the bulb. I.D. of cylinder = 0.4 inch.

THE LEADS SHALL HE FLEXIBLE 25-27 S.W.G. TIMED COPPER WIRE AT LEAST 32 mp. IN LENGTH

