Page 1 (No. of Pages - 4) MINISTRY OF SUPPLY (D.C.D.)

VALVE ELECTRONIC

CV262

Specification MAP/CV 262.
Issue 1. Dated 20.9.50.
To be read in conjunction with K1003

Specification Valve
UNCLASSIFIED UNCLASSIFIED

> Indicates a change

TYPE OF VAINE - Cathode Ray Tube TYPE OF DEFIECTION - Magnetic TYPE OF FOCUS - Magnetic BUIB - Internally coated conductive coating SCREEN - BYL 46	3	h Note	So	MARKING DE K1001/4 BASE I.O. CONNECTIONS
		Note	Då sa	CONNECTIONS
	-		E-ALL	Electrode
Heater Current (A) 1.	.0		shall cor	No Connection Heater Pin Omitted Pin Omitted Grid Pin Omitted Heated Gathode Anode East - Plug cap aform to BSS448 PLENIONS ing on Page 4

CV262

To be performed in addition to those applicable in K1003

-							teach with early with the large		- especial recognition
mark 0.2311.02				Test		Limits		No.	W-4-
	Test Conditions		Min.			Max.	Tested	Note	
a	See K1003/5.12		CAPACITANCES (pF) Grid to all other electrode		-	25	5% (5)		
	Vh	Va(kV)	٧g						
ъ	4.0	0	0	Ih	(A)	-	1.2	100%	
O	4.0	4.0	Adjust to cut	Vg	(V)	-30	-65	100%	1
	Focus adjusted to optimum See Note (1)		Value to be noted						
đ		4.0	tad for antimen	(1) Vg	(A)	-1	639	100/3	
	Focus adjusted for optimum. Vg adjusted to give a light output of 0.1 candles when viewed through a C2 filter, (Type 26, Ref. 10AB/474) on a close raster of convenient size.		(2) Change in v		•	25	100,3	2	
е	Focus adjusted for optimum. DEFLECTION - Sine wave line scan of 50c/s nom. and a line length of 94mm. Measure in "X" and "Y" directions successively at the centre of the track.			(mA)	80	120	T.A.		
f	4.0	4.0 See K10	-65 003/5.4.2 or = 10MΩ	Grid Insulation (1) Leakage cu (2) Increase in meter read:	rent (μΛ) n volt-		6.5 1003	100,3	
6 9	Defl circ	ection	Any conven- ient value ted for optimum. to cover stated red on centre	Useful Sorcen A	Area (mm)	190	æ	100 %	

Mank Condiktone				Limits		No.	N-A-	
	Test Conditions		onditions	Test	Min.	Max.	Tested	Note
h	4.0 No fe tion		Near cut-off ng coil energisa-	Deviation of spot from centre of soreen (mm)	-	10	100%	
3	No focussing coil energisation. Deflecting fields to cover the useful soreen area. The screen shall not be worse for graininess and uniformity than a standard tube or pattern					100;3		
k	Test Set	331, u	done in Test sing a close convenient	Afterglew (sees)	30	60	10%	

NOTES

- 1. For the purpose of tests (c), (d), (e), (g), (h), (j), (k), the focussing fields required are to be obtained by means of Rotating Gear Unit, Magnetic, Ref.No.10QB/66 with the focussing coil in its mean position.
 - The tube will be mounted with the front edge of the coil assembly mounting set 1.5mm from axis AA (See Drawing on Page 4.)
- Within the range of grid voltage from cut-off to light output, the beam current shall increase continuously.



