## MINISTRY OF SUPPLY (S.R.D.E.)

## VALVE ELECTRONIC CV2101

Specification MOS/CV 2101/Issue 4	SECURITY		
Dated:- 24.4.56.	Specification	Valve	
To be read in conjunction with K1001	Unclassified	Unclassified	

----> indicates a change

TYPE OF VALVE:- Sub-miniature  H.F. Pentode  CATHODE:- Directly heated  ENVELOPE:- Glass-unmetallic  PROTOTYPE:- VX8017  RATING	MARKING See K1001/4, except that the valve shall be marked with the CV No. Factory and Date Code only.  BASE				
	BBD				
Filement Voltage (V) 1.29		CONNECTIONS			
Filament current (mA) 2:  Max. anode voltage (V) 100  Max. screen voltage (V) 100  Mutual conductance (mA/V) 1.0  Anode impedance (MΩ) 0.6  Anode current (mA) 2.0  Screen current (mA) 0.5  CAPACITANCES (pF)  Cag (max.) 0.015	A A A	Pin Electrode  1 Int. Connection 2 g1 3 No Connection 4 f(-), s 5 f(+), g3 6 No Connection 7 a 8 g2			
Cae Cge 5.1	В	DIMENSIONS See drawing page 3. Dimension Min. Max.			
		Mom 41.2 B mom. 9.3 10.16			

## notes

- A. Measured at Va = Vg2 = 70V, Vg1 = OV
- B. Measured with valve shielded.

A sharp bond must not be made in any valve lead closer than 1.5 mm. to the glass seal and soldered joints in the leads must not be made closer than 5.0 mm. to the seal.

CV2101/4/1

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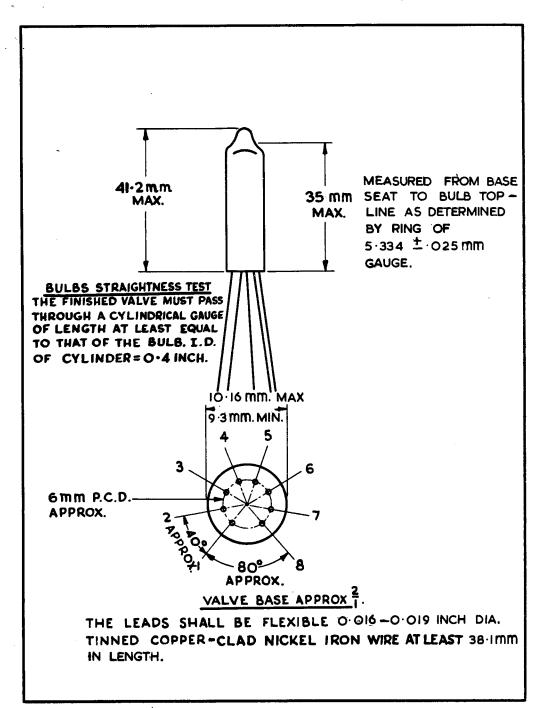
TESTS
To be performed in addition to those applicable in K1001

	Test	Cond	ltien	£		Te	st	Limits		No.	Note		
								Min.	Max	Tested	MOCO		
	See K1001/AIII					Capaci							
1	Links to	Mak		B.				(Shiel	ded)(pF)				
	H.P.	L.1	•			į.			1	•			
	/	1,3,4,5, 6,8		1,3,4,5, 6,8 2		(1)	Cag	_	0.015	T.A.	1		
	7					(11)		4.6	5.6	6	4		
	2 1,3,4,5, 7		(iii) Cge		2.7		per week						
Н	V.	Va	بالسمسي	7g2   Vg1		(/	oge	201	3.7	MOCT	1		
		VA	V		8'								
٥	1.25				_	If	(mA)	22	28	100%			
	1.25	70	7	0	0	Ia	(mA)	1.5	2.5	190%			
4	1.25	70	70	0	0	Ig2	(mA)	0.4	0.7	100%			
•	1.25	70	70	9 -1	•5	Rev. I	g1 (M)	-	0.5	100%			
2	1.25	70	7	0	0	Star .	(mA/V)	0.75	1.25	100%			
g	1.1	70	7(	0	0	6ur	(mA/V)	0.6	-	100%			
h	1.25	70	70	0 -	6	Ia (T	<b>可)(吨)</b>	-	20	100%	2		

## NOTES

- 1. Capacities measured with shield round valve. All should be measured at R.F.
- 2. 1 Megohm protective resistance in series

CV2101/4/2.



CV2101/4/3