

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

Specification MOS/CV1328/Issue 4 Dated 2.5.46 To be read in conjunction with K1001	<u>SECURITY</u>	
	<u>Specification</u> Restricted	<u>Valve</u> Restricted

—————> indicates a change

<u>TYPE OF VALVE:-</u> Output pentode <u>CATHODE:-</u> Indirectly heated <u>ENVELOPE:-</u> Glass-unmetallised <u>PROTOTYPE:-</u> 7D8S		<u>MARKING</u> See K1001/4			
<u>RATING</u>		Note A	<u>BASE</u> B7		
Filament voltage	13.0		Pin	Electrode	
Filament current (A)	0.65	1	No connection		
Max. anode voltage	250	2	Control grid		
Max. screen voltage	250	3	Screen grid		
Mutual conductance (min)(mA/V)	8.0	4	Heater		
<u>NOTES</u> A. Measured at $V_a = 250$ $V_{g2} = 250$ $V_{g1} = -6$ $I_a = 32 \text{ mA}$		5	Heater		
		6	Cathode		
		7	Anode		
<div style="border: 1px solid black; padding: 5px; width: fit-content;"> This valve type is obsolete and this specification is for record purposes only. </div>		<u>DIMENSIONS</u> See K1001/AI/D1			
		Dimension	Min.	Max.	
		A mm	-	135	
B mm	-	52.5			

CV1328

TESTS

To be performed in addition to those applicable in K1001

	Test conditions				Test	Limits		No. tested
	Vh	Va	Vg2	Vgl		Min.	Max.	
a	13.0	-	-	-	Ih (A)	0.61	0.69	100% or S
b	13.0	250	250	-6	Ia (mA)	22	42	100%
c	13.0	250	250	-6	Ig2 (mA)	-	9.0	100%
d	13.0	250	250	-6	gm (mA/V)	8.0	-	100%
e	13.0	250	250	-6	Rev Ig (uA)	-	3.0	100%
f	13.0	250	250	-12	Ia (mA)	-	5.0	100%