VALVE ELECTRONIC **CV1329**
(ARP10)

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

Specification MOS/CV1329/Issue 6 Dated 2.5.46. To be read in conjunction with K1001	SECURITY Specification Restricted Valve Restricted

——→ indicates a change

TYPE OF VALVE:- Output pentode
CATHODE:- Indirectly heated
ENVELOPE:- Glass-unmetallised
PROTOTYPE:- APP4G ※

MARKING
See K1001/4

RATING			Notes
Heater voltage	(V)	4.0	
Heater current	(A)	2.0	
Max. anode voltage	(V)	250	
Max. screen voltage	(V)	250	
Max. anode dissipation	(W)	9.0	
Anode impedance	(ohms)	50,000	
Mutual conductance	(mA/V)	9.1	A

CAPACITANCES (pF)

Cag	(max)	1.0
Cae		10.0
Cge		12.8

BASE
B7

Pin	Electrode
1	No connection
2	No connection
3	Screen grid
4	Heater
5	Heater
6	Cathode and suppressor
7	Anode
T.C.	Control Grid

TOP CAP
See K1001/AI/D5.1

DIMENSIONS
See K1001/AI/D1

Dimension	Min.	Max.
A mm	-	147.5
B mm	-	51

NOTES

A. Measured at Va = 250
Vg2 = 250
Vg1 = -6

This valve type is obsolete and this specification is for record purposes only.

CV1329

TESTS

To be performed in addition to those applicable in K1001.

	Test conditions				Test	Limits Min.	Limits Max.	No. tested
a	See K1001/AIII.				CAPACITANCES (pF)			
	Links to H.P.		Links to L.P.	Links to E				
	7		TC1	1,2,3,4, 5,6,8,9, 10,TC2.	(i) Cag	-	1.0	6 per week
	7		1,2,3,4, 5,6.	8,9,10, TC1,TC2.	(ii) Cae	8.0	12.0	
	TC1		1,2,3,4, 5,6.	7,8,9, 10,TC2.	(iii) Cge	11.6	14.0	
	Vh	Va	Vg2	Vg1				
b	4.0	-	-	-	Ih (A)	1.6	2.2	100% or S
c	4.0	250	250	-7	Ia (mA)	16.0	39.0	100%
d	4.0	250	250	-7	Ig2 (mA)	2.0	6.0	100%
e	4.0	250	250	-5 to -7	gm (mA/V)	8.0	12.0	100%
f	4.0	250	250	-6	Rev. Ig. (uA)	-	1.5	100%