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

VALVE ELECTRONIC CV1366

(ATP4)

Specification MOS/CV1366/Issue 6 Dated:- 2.9.46 To be read in conjunction with K1001	SECURITY Specification: Restricted Valve: Unclassified

→ indicates a change

TYPE OF VALVE:- Transmitting screened pentode
CATHODE:- Directly heated
ENVELOPE:- Glass - unmetallised
PROTOTYPE:- V248A

MARKING

See K1001/4 ←

RATING		Note
Filament voltage (V)	2.6	
Filament current (A)	0.3	
Max. anode voltage (V)	150	
Max. screen voltage (V)	150	
Max. anode dissipation (W)	5.0	
Mutual conductance (mA/V)	5.2	A
CAPACITANCES (pF)		
Cag (max.)	2.0	
Ca - all	18.0	
Cg - all	19.0	

BASE
MO

Pin	Electrode
1	F -ve
2	No connection
3	No connection
4	Screen grid
5	Control grid
6	No connection
7	No connection
8	F +ve
T.C.	Anode

TOP CAP
See K1001/AI/D5.1

NOTES

A. Measured at Va = 150, Vg_2 = 150, Vg_1 = -10.

DIMENSIONS
See K1001/AI/D1

Dimension	Min.	Max.
A mm	-	114
B mm	-	39

CV1366

TESTS

To be performed in addition to those applicable in K1001

	Test conditions				Test	Limits		No. tested
						Min.	Max.	
a	See K1001/AIII				Capacitances (pF)			
	Links to H.P.		Links to L.P.	Links to E				
	TC_1		5	1,2,3,4,6, 7,8,9,10, TC_2	(i) Cag	-	2.0	
	TC_1		1,4,5,8	2,3,6,7,9 10,TC2	(ii) Ca - all	15.0	21.0	1% (20)
	5		TC_1,1, 4, 8	2,3,6,7, 9,10,TC_2	(iii) Cg - all	16.0	22.0	
	Vf	Va	Vg_2	Vg_1				
b	2.0	-	-	-	If (A)	0.27	0.33	100% or S
c	2.0	150	150	-10	Ia (mA)	21.3	42.7	100%
d	2.0	150	150	-10	Ig_2 (mA)	-	10.0	100%
e	2.0	150	150	-10 to 6	Ia rise (mA)	14.5	-	100%
f	2.0	150	150	-14	Rev Ig (uA)	-	1.0	100%
g	2.0	150	150	-23	Ia (mA)	-	1.0	100%