

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

Specification MOS/CV1335/5

Dated : 7.8.45.

To be read in conjunction with K1001.

SECURITYSpecification Valve
Restricted Restricted

→ Indicates a change.

TYPE OF VALVE : H.F. PentodeCATHODE : Indirectly heatedENVELOPE : MetallisedCOMMERCIAL PROTOTYPE : Mazda. SP41MARKINGIn addition to that
in K1001/4
none.RATING

Heater voltage	4.0	Note A
Heater current (A)	0.95	
Max. Anode volts	250	
Max. Screen voltage	250	
Max. Anode Dissipation (W)	4.5	
Max. Screen Dissipation (W)	1.25	
Mutual Conductance (mA/V)	8.5	
Max. Operating Frequency (Mc/s)	60	

CAPACITANCES (pF)

Cas	5.5
Cge	11.0
Cag (max)	0.033

Note

BASE

MO7

Pin	Electrode
1	Heater
2	Cathode
3	Anode
4	Screen Grid
5	Suppressor Grid
6	Metallising
7	Pin omitted
8	Heater
T.C.	Control Grid

TOP CAP

See K1001/A1/D5.1

DIMENSIONS

See K1001/A1/D1

NOTES :

- A. measured at $V_a = 200$
 $V_{g2} = 200$
 $I_a = 8mA$

Dimension	Min.	Max.
A mm	-	95
B mm	-	32
L mm	-	82

CV1335/5/1.

TESTS

To be performed in addition to those applicable in K1001.

	Test Conditions						Tests	Limits		No. Tested
								Min.	Max.	
a	See K1001/AIII						Capacitances (pF)			6 per week
	Links to HP	Links to LP	Links to E.			C _{ae}				
	3	1,2,4,5, 6,8.	7,9,10, TC1,TC2							
	TC1	1,2,4,5, 6,8	3,7,9,10 TC2							
	3	TC1	1,2,4,5, 6,7,8,9, 10,TC2				C _{ge}	10.0	14.0	Type Appr- oval
					C _{ag}	-	0.033			
b	V _h	V _a	V _{g2}	V _{g3}	V _{g1}	I _a	I _h (A)	0.90	1.0	100% or S
c	4.0	0	0	0	0	-	V _{g1} (V)	-1.2	-2.79	100%
d	4.0	200	200	0	-	8.0	I _{g2} (mA)	-	2.5	100% or S
e	4.0	200	200	0	-	8.0	Reverse I _g (μA)	-	0.5	100%
f	4.0	200	200	0	1V. positive to value in test c	-	I _a (mA)	14.5	-	100%