

RRE

VALVE ELECTRONIC

CV1056

Specification MAP/CV1056/Issue 9 Dated 2.10.46. To be read in conjunction with K.1001	<table border="1"> <tr> <th colspan="2">SECURITY</th></tr> <tr> <td>Specification RESTRICTED</td><td>Valve RESTRICTED</td></tr> </table>	SECURITY		Specification RESTRICTED	Valve RESTRICTED
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Specification RESTRICTED	Valve RESTRICTED				

—→ Indicates a change

<u>TYPE OF VALVE</u> - H.F. Pentode			<u>MARKING</u>																							
<u>CATHODE</u> - Indirectly heated			See K.1001/4																							
<u>ENVELOPE</u> - Glass, metallised																										
<u>PROTOTYPE</u> - EF36																										
<u>RATING</u>			<u>BASE</u>																							
			I.O.																							
			See K.1001/AIV/D2																							
			M Dimension (i) applies																							
			<table><tr><td>Pin</td><td>Electrode</td></tr><tr><td>1</td><td>Metallising</td></tr><tr><td>2</td><td>Heater</td></tr><tr><td>3</td><td>Anode</td></tr><tr><td>4</td><td>Screen grid</td></tr><tr><td>5</td><td>Suppressor grid</td></tr><tr><td>6</td><td>No connection</td></tr><tr><td>7</td><td>Heater</td></tr><tr><td>8</td><td>Cathode</td></tr><tr><td>TC</td><td>Control grid</td></tr></table>			Pin	Electrode	1	Metallising	2	Heater	3	Anode	4	Screen grid	5	Suppressor grid	6	No connection	7	Heater	8	Cathode	TC	Control grid	
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<u>CAPACITANCES (pF)</u>			<u>TOP CAP</u>																							
			See K.1001/Al/D5.2																							
<table><tr><td>Cae</td><td>8.2</td></tr><tr><td>Cge</td><td>5.5</td></tr><tr><td>Cg1-g2</td><td>2.25</td></tr><tr><td>Cag (max)</td><td>0.003</td></tr></table>			Cae	8.2	Cge	5.5	Cg1-g2	2.25	Cag (max)	0.003	<u>DIMENSIONS</u>															
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<u>NOTE</u>			<table><tr><td colspan="2">Dimension</td><td>Min.</td><td>Max.</td></tr><tr><td>A</td><td>(mm)</td><td>95</td><td>100</td></tr><tr><td>B</td><td>(mm)</td><td>-</td><td>32</td></tr><tr><td>C</td><td>(mm)</td><td>-</td><td>30</td></tr></table>			Dimension		Min.	Max.	A	(mm)	95	100	B	(mm)	-	32	C	(mm)	-	30					
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A	(mm)	95	100																							
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A. Va = 250 V., Vg2 = 100 V., I g1 = -2 V., Ia = 3.0 mA.																										

To be performed in addition to those applicable in K.1001.

	Test Conditions					Test	Limits		No. Tested
	See K.1001/AIII					Capacitances (pF)	Min.	Max.	
a	Links to H.P.	Links to L.P.	Links to E.			C _{ae}	7.0	9.4	6 per week
	3	1,2,4,5, 7,8.	6,9,10, TC1,TC2						
	TC1	1,2,4,5, 7,8.	3,6,9, 10, TC2			C _{ge}	4.7	6.3	
	4	TC1	1,2,3,5, 6,7,8,9, 10, TC2.			C _{g2-g1}	2.0	2.5	
	3	TC1	1,2,4,5, 6,7,8,9, 10, TC2.			C _{ag}	-	0.003	
b	V _h	V _a	V _{g2}	V _{g3}	I _a (mA)	I _h (A)	0.18	0.22	100% or S
c	6.3	250	100	0	3.0	V _{g1} (V)	-1.5	-2.5	100%
d	6.3	250	100	0	3.0	I _{g2} (mA)	0.7	1.1	100% or S
e	6.3	250	100	0	3.0 Peak grid swing $\pm 0.5V$. max.	g _m (mA/V)	1.5	-	100%
f	6.3	250	100	0	3.0	Reverse I _{g1} (μA)	-	0.5	100%