

Specification MAP/CV1034/Issue 6 Dated 2.10.46. 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> - Transmitting triode <u>CATHODE</u> - Directly heated - Thoriated <u>ENVELOPE</u> - Glass - unmetallised <u>PROTOTYPE</u> - DET: 3.		<u>MARKING</u> See K1001/4		
		<u>BASE</u> None		
<u>RATING</u>		<u>CONNECTIONS</u>		
	Note	The anode lead shall be brought out at the opposite end of the valve to that at which the grid and filament leads are brought out.		
Filament Voltage (V) 15.0 Filament Current (A) 4.0 Maximum Anode Voltage (kV) 3.0 Maximum Anode Dissipation (W) 250 Mutual Conductance (mA/V) 4.0 Amplification Factor 18	A A			
		<u>DIMENSIONS</u> See K1001/Al/D3		
		Dimension	Min.	Max.
		A (mm)	-	430
		B (mm)	-	165
		C (mm)	61	65
		H (mm)	-	290
		F (mm)	25	-
		<u>PACKING</u> See K1001/7.3		

<u>NOTE</u>	
A: $V_a = 2500$, $I_a = 100$ mA.	

To be performed in addition to those applicable in K1001.

	Test Conditions				Test	Limits		No. Tested	Notes
	Vf	Va(kV)	Vg	Ia(mA)		Min.	Max.		
a	15.0	0	0	0	If (A)	3.8	4.2	100%	
b	-	1.0	0	10.0	Vf (V)	-	7.6	100%	1
c	15.0	2.5	-	100.0	Vg (V)	-35	-115	100%	
d	15.0	2.5	20v more negative than value found in (c)	-	Ia change (mA)	68	92	100%	
e	15.0	2.0 to 3.0	-	100	μ	14.4	21.5	100%	
f	15.0	2.5	-	5	Vg (V)	-	-180	100%	
g	15.0	2.0	-	200	<u>Dissipation</u> Vg must be steady for the last 3 readings (taken at 1 min. intervals) At the end of test reverse Ig (μ A)	-	15	100%	1

NOTE

1. Test clause (b) shall be applied before and after test clause (g) and the second measurement shall show no increase over the first measurement.