

Specification MAP/CV1040/Issue 5 Dated 28.1.47. To be read in conjunction with K1001.	<table> <tr> <th colspan="2"><u>SECURITY</u></th></tr> <tr> <td><u>Specification</u> RESTRICTED</td><td><u>Valve</u> RESTRICTED</td></tr> </table>	<u>SECURITY</u>		<u>Specification</u> RESTRICTED	<u>Valve</u> RESTRICTED
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— — — — — Indicates a change

<u>TYPE OF VALVE</u> - Power Amplifying Triode <u>CATHODE</u> - Directly heated <u>ENVELOPE</u> - Glass- Un metallised <u>PROTOTYPES</u> - PX25, DO24, PP5/400	<u>MARKING</u> See K1001/4
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<u>RATING</u>		Note	<u>BASE</u>		
			B4 See K1001/AIV/D5.1		
Filament Voltage (V)	4.0	A	Pin	Electrode	
Filament Current (A)	2.0		1	Anode	
Max. Anode Voltage (V)	400		2	Grid	
Amplification Factor	10.0		3	Filament	
Mutual Conductance (mA/V)	7.0		4	Filament	
Anode Impedance (Ω)	1430				
Max. Anode Dissipation (W)	25		<u>DIMENSIONS</u>		
<u>CAPACITANCES (pF)</u>			See K1001/AI/D1		
Caf	6.0		Dimension	Min.	Max.
Cag	13.0		A (mm)	-	160
Cgf	10.0		B (mm)	-	68

NOTE

A. $V_a = 100V.$, $V_g = 0V.$

CV1040

TESTS

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To be performed in addition to those applicable in K1001.

	Test Conditions				Test	Limits		No. Tested
	V _F	V _a	V _g	I _a		Min.	Max.	
a	4.0 AC or DC.	0	0	0	I _f (A)	1.8	2.2	100% or 9
b	4.0 AC or DC	400	-	62.5	V _g (V) (DC) (AC)	-25.5 -27.7	-36.5 -38.7	100%
c	4.0 AC or DC.	400	-	62.5	g _m (mA/V)	5.0	10.0	100%
d	4.0 AC or DC.	400	-	62.5	Reverse I _g (μ A)	-	4.0	100%