

Specification MAP/CV1040/Issue 5 Dated 28.1.47. 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> - Power Amplifying Triode <u>CATHODE</u> - Directly heated <u>ENVELOPE</u> - Glass-Unmetallised <u>PROTOTYPES</u> - PX25, DO24, PP5/400		<u>MARKING</u> See K1001/4	
<u>RATING</u>		Note	<u>BASE</u> B4 See K1001/AIV/D5.1
Filament Voltage (V)	4.0		<u>Pin</u>
Filament Current (A)	2.0		<u>Electrode</u>
Max. Anode Voltage (V)	400		1
Amplification Factor	10.0		2
Mutual Conductance (mA/V)	7.0		3
Anode Impedance (Ω)	1430		4
Max. Anode Dissipation (W)	25		Filament
<u>CAPACITANCES (pF)</u>		<u>DIMENSIONS</u> See K1001/AI/D1	
Caf	6.0	<u>Dimension</u>	<u>Min.</u>
Cag	13.0	A (mm)	<u>Max.</u>
Cgf	10.0	B (mm)	-
		-	160
		-	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 S
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%