

Specification MAP/CV1022/Issue 7 Dated 20.1.49. To be read in conjunction with K1001	<table> <tr> <th colspan="2"><u>SECURITY</u></th></tr> <tr> <td><u>Specification</u></td><td><u>Valve</u></td></tr> <tr> <td>RESTRICTED</td><td>UNCLASSIFIED</td></tr> </table>	<u>SECURITY</u>		<u>Specification</u>	<u>Valve</u>	RESTRICTED	UNCLASSIFIED
<u>SECURITY</u>							
<u>Specification</u>	<u>Valve</u>						
RESTRICTED	UNCLASSIFIED						

—————> Indicates a change

<u>TYPE OF VALVE</u> - Triode				<u>MARKING</u> See K1001/4			
<u>CATHODE</u> - Directly Heated				<u>PACKING</u> See K1005			
<u>ENVELOPE</u> - Glass Unmetallised							
<u>PROTOTYPE</u> - Cossor 220 PA.							
<u>RATING</u>			Note	<u>BASE</u> B4			
Filament Voltage	(V)	2.0		Pin	Electrode		
Filament Current	(A)	0.2	1	Anode			
Max. Anode Voltage	(V)	150	2	Grid			
Mutual Conductance	(mA/V)	4.0	3	Filament negative			
Amplification Factor		16	4	Filament positive			
Anode Impedance	(Ω)	4,000					
Average Anode Current	(mA)	10					
Optimum Load	(Ω)	9,000					
<u>NOTES</u> A:- At $V_a = 100$, $V_g = 0$. B:- At $V_a = 150$, $V_g = -4.5$.				<u>DIMENSIONS</u> See K1001/AI/D1.			
				Dimension		Min.	Max.
				A	(mm)	-	109
				B	(mm)	-	45
				C	(mm)	-	36

CV1022

TESTS

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

	Test Conditions			Test	Limits		No. Tested
	Vf	Va	Vg		Min.	Max.	
a	1.8	0	0	I _f (A)	0.16	0.24	100% or S
b	1.8	150	-7 to -5	g _m (mA/V)	1.8	3.0	100% or S
c	1.8	150	-6	μ	14	20	100% or S
d	1.8	150	-6	I _a (mA)	3.5	7.0	100%
e	1.8	150	-6	Reverse I _g (μ A)	-	1.0	100%