

Specification MAP/CV1565/Issue 7 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> - Triode <u>CATHODE</u> - Directly heated - Thoriated or coated <u>ENVELOPE</u> - Glass - unmetallised <u>PROTOTYPE</u> - Cossor 230XP	<u>MARKING</u> See K1001/4
---	-------------------------------

<u>RATING</u>	Note	<u>BASE</u> B4	
Filament Voltage (V)	2.0	Pin	Electrode
Filament Current (A)	0.3	1	Anode
Max. Anode Voltage (V)	150	2	Grid
Mutual Conductance (mA/V)	3.0	3	Filament negative
Amplification Factor	4.5	4	Filament positive
Anode Impedance (Ω)	1500	<u>DIMENSIONS</u>	
Average Anode Current (mA)	22.0	See K1001/AI/D1.	
Optimum Load (Ω)	3300		

<u>NOTES</u>			
A.	At $V_a = 100$,	$V_g = 0$.	
B.	At $V_a = 150$,	$V_g = -18.0$	
Dimension		Min.	Max.
A	(mm)	-	104
B	(mm)	40.5	43.0
C	(mm)	-	36

This valve is obsolete and this specification is for record purposes only.

To be performed in addition to those applicable in K1001.

	Test Conditions			Test	Limits		No. Tested
	Vf	Va	Vg		Min.	Max.	
a	2.0	0	0	I _f (A)	0.27	0.33	100% or S
b	2.0	150	-18.0	I _a (mA)	16.0	28.0	100%
c	2.0	150	-16.0 to -20.0	g _m (mA/V)	1.8	2.7	100%
d	2.0	150	-18.0	μ	3.8	5.2	100% or S
e	See K1001/5.8.2.			Microphonic Noise Test			100%