

ADMIRALTY SIGNAL ESTABLISHMENT

Specification AD/CV185/Issue 3. Dated 15.11.46. To be read in conjunction with K1001.	<u>SECURITY</u>	
	<u>Specn.</u> Restricted	<u>Valve</u> Unclassified

<u>TYPE OF VALVE:-</u> Triode		<u>MARKING</u> See K1001/4.		
<u>CATHODE:-</u> Directly heated				
<u>ENVELOPE:-</u> Glass, unmetallised				
<u>PROTOTYPE:-</u> PM202				
<u>RATING</u>		Note	<u>BASE</u> B4 See K1001/AIV/D5.1	
			Pin	Electrode
Filament Voltage	(V) 2.0	A A A A A	1	A
Filament Current	(A) 0.2		2	G
Max. Anode Voltage	(V) 150		3	F, Sh
Mutual Conductance	(mA/V) 3.5		4	F
Anode Impedance	(Ω) 2000			
Amplification Factor	7			
Average Anode Current	(mA) 14.0			
<u>NOTE</u>		<u>DIMENSIONS</u> See K1001/AI/D1		
A. At $V_a = 150$ V, $V_g = -43.5$ V.		Dimension	Min.	Max.
		A mm	-	115
		B mm	-	50
		<u>PACKING</u> See K1001/7.		

CV185/3/i.

TESTS

To be performed in addition to those applicable in K1001.

	Test Conditions			Test	Limits		No. Tested
	Vf (V)	Va (V)	Vg (V)		Min.	Max.	
a	2.0	-	-	If (A)	0.18	0.22	100% or S
b	2.0	30 AC	30 AC	Ie (mA)	13.5	-	100%
c	2.0	150	-24	Ia (mA)	0	1.5	100%
d	2.0	150	-12	Ia (mA)	11.0	22.0	100%
e	2.0	150	-6	Ia (mA)	21.5	43.0	100%
f	2.0	150	-6	Reverse Ig (μ A)	-	1.2	100%
	0.1 M Ω in series with grid						