

ADMIRALTY SIGNAL ESTABLISHMENT

Specification AD/CV185/Issue 3.
 Dated 15.11.46.
 To be read in conjunction with K1001.

SECURITY
Specn. Valve
~~Unclassified~~ Unclassified

TYPE OF VALVE:- Triode
CATHODE:- Directly heated
ENVELOPE:- Glass, unmetallised
PROTOTYPE:- PM202

MARKING
 See K1001/4.

RATING

Note

Filament Voltage	(V)	2.0	
Filament Current	(A)	0.2	
Max. Anode Voltage	(V)	150	
Mutual Conductance	(mA/V)	3.5	A
Anode Impedance	(Ω)	2000	A
Amplification Factor		7	A
Average Anode Current	(mA)	14.0	A

BASE
 B4
 See K1001/AIV/D5.1

Pin	Electrode
1	A
2	G
3	F, Sh
4	F

NOTE

A. At $V_a = 150$ V, $V_g = -13.5$ V.

DIMENSIONS

See K1001/AI/D1

Dimension	Min.	Max.
A mm	-	115
B mm	-	50

PACKING

See K1001/7.

CV185/3/i.

TESTS

To be performed in addition to those applicable in K1001.

	Test Conditions			Test	Limits		No. Tested
	V _f (V)	V _a (V)	V _g (V)		Min.	Max.	
a	2.0	-	-	I _f (A)	0.18	0.22	100% or S
b	2.0	30 AC	30 AC	I _e (mA)	13.5	-	100%
c	2.0	150	-24	I _a (mA)	0	1.5	100%
d	2.0	150	-12	I _a (mA)	11.0	22.0	100%
e	2.0	150	-6	I _a (mA)	21.5	43.0	100%
f	2.0	150	-6	Reverse I _g (μA)	-	1.2	100%
	0.1 MΩ in series with grid						