MINISTRY OF SUPPLY (D.C.D.)

VALVE ELECTRONIC **CV207**

Specification MAP/CV207/Issue 2 Dated 29.8.46. To be read in conjunction with K1001.	SECURITY Specification: RESTRICTED Valve: RESTRICTED

→ Indicates a change

TYPE OF VALVE : Triode
CATHODE : Indirectly heated
ENVELOPE : Glass
PROTOTYPE : ACP4

MARKING

See K1001/4

RATING

		Note
Heater Voltage (V)	4.0	
Heater Current (A)	1.1	
Max. Anode Voltage (kV)	1.0	
Mutual Conductance (mA/V)	7.0	A
Amplification Factor	20	A
Max. Anode Dissipation (W)	6.0	
CAPACITANCES (pF)		
Cae	1.8	
Cge	7.25	
Cag	6.0	

BASE

B5

Pin	Electrode
1	No connection
2	Grid
3	Heater
4	Heater
5	Cathode
T.C.	Anode

TOP CAP

See K1001/A1/D5.1

NOTE

A. At Va = 100V., Vg = 0V.

DIMENSIONS

See K1001/A1/D1

Dimension		Min.	Max.
A	(mm)	-	130
B	(mm)	-	42

To be performed in addition to those applicable in K1001.

	Test Conditions				Test	Limits		No. Tested
	Vh	Va	Vg1	Ia(mA)		Min.	Max.	
a	4.0	0	0	0	Ih (A)	0.99	1.21	100% or S
b	4.0	1000 applied through 0.1MΩ	Adjusted	4.75	Reverse Ig (/uA)	-	1.0	100%
c	4.0	1000 applied through 0.1MΩ	-	4.75	Vg (V)	-19	-33	100%
d	4.0	100	0 to -3	-	gm (mA/V)	5.3	-	100%
e	4.0	Adjusted	-1	Value corresponding to Va = 100V, Vg = 0V	Va (V)	117	126	6 per week