MINISTRY OF SUPPLY (D.C.D.)

VALVE ELECTRONIC **CV105**

Specification MAP/CV105/Issue 2 Dated 29.8.46. To be read in conjunction with K1001 ignoring clause 5.8.	SECURITY	
	Specification	Valve
	~~RESTRICTED~~ Unclassified	~~RESTRICTED~~ Unclassified

→ Indicates a change

TYPE OF VALVE : Diode

CATHODE : Directly heated, tungsten filament

ENVELOPE : Glass-unmetallised

MARKING

See K1001/4

BASE

I.0

RATING			Note
Filament Voltage	(V)	6.0	
Filament Current	(A)	2.0	
CAPACITANCES (pF)			
Caf		4.5	

Pin	Electrode
1	No connection
2	Filament
3	Pin omitted
4	Pin omitted
5	No connection
6	Pin omitted
7	Filament
8	No connection
T.C.	Anode

NOTE

A. The design of the valve shall be such that saturation occurs with an anode voltage not greater than 50 volts.

TOP CAP

See K1001/A1/D5.2

DIMENSIONS

See K1001/A1/D1.

Dimensions		Min.	Max.
A	(mm)	126	136
B	(mm)	-	46

TESTS

To be performed in addition to those applicable in K1001

	Test Conditions		Test	Limits		No. Tested
	Vf	Va		Min.	Max.	
a	6.0	0	If (A)	1.9	2.1	100%
b	6.0	100	Ia (mA)	25	45	100%