

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

→ Indicates a change

<u>TYPE OF VALVE</u> : Diode			<u>MARKING</u>		
<u>CATHODE</u> : Directly heated, tungsten filament			See K1001/4		
<u>ENVELOPE</u> : Glass-umetallised			<u>BASE</u>		
			I.0		
<u>RATING</u>			Pin	Electrode	
Filament Voltage (V)	6.0	Note	1	No connection	
Filament Current (A)	2.0		2	Filament	
			3	Pin omitted	
			4	Pin omitted	
<u>CAPACITANCES (pF)</u>			5	No connection	
Caf	4.5		6	Pin omitted	
			7	Filament	
			8	No connection	
			T.C.	Anode	
<u>NOTE</u>			<u>TOP CAP</u>		
A. The design of the valve shall be such that saturation occurs with an anode voltage not greater than 50 volts.			See K1001/A1/D5.2		
			<u>DIMENSIONS</u>		
			See K1001/A1/D1.		
<u>Dimensions</u>			Min.	Max.	
A	(mm)		126	136	
B	(mm)		-	46	

CV105

TESTS

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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%