

Specification MAP/CV271/Issue 4 Dated 7.8.47. To be read in conjunction with K1001 ignoring clauses:- 5.2, 5.8	<table border="1"> <tr> <th colspan="2"><u>SECURITY</u></th></tr> <tr> <td><u>Specification</u></td><td><u>Valve</u></td></tr> <tr> <td>RESTRICTED Unclassified</td><td>RESTRICTED Unclassified</td></tr> </table>	<u>SECURITY</u>		<u>Specification</u>	<u>Valve</u>	RESTRICTED Unclassified	RESTRICTED Unclassified
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<u>Specification</u>	<u>Valve</u>						
RESTRICTED Unclassified	RESTRICTED Unclassified						

—————> Indicates a change

<u>TYPE OF VALVE</u> - Argon filled fluorescent indicator tube.			<u>MARKING</u> See K1001/4						
<u>CATHODE</u> - Directly heated.			<u>BASE</u> B7G						
<u>ENVELOPE</u> - Glass-internally coated with willamite coating.									
<u>RATING</u>		<u>Note</u>	<u>Pin</u>			<u>Electrode</u>			
Filament Voltage (V)			1			Filament			
Filament Current (A)			2			Anode			
			3			No connection			
			4			Anode			
		5			No connection				
		6			Anode				
		7			Filament				
			<u>DIMENSIONS</u>						
			<u>Dimensions</u>			<u>Min.</u>		<u>Max.</u>	
			A (mm)			-		54	
			B (mm)			-		19	

To be performed in addition to those applicable in K1001

	Test Conditions		Test	Limits		No. Tested
	Vf	Va		Min.	Max.	
a	1.3	0	If (A)	.147	.179	100%
b	0	-60	Insulation A - all (M Ω)	100	-	100%
c	1.3	0	The filament must be visible through the internal coating			100%
d	A modulated R.F. voltage of 27 volts peak value and frequency 45 Mc/s, modulated 100% at 50 cps, shall be applied to the anode from a 150 ohm line loosely coupled to the source of power. Vf shall be increased until a glow occurs.		Vf (V)	-	1.25	100%