

Specification MAP/CV271/Issue 4 Dated 7.8.47. To be read in conjunction with K1001 ignoring clauses:- 5.2, 5.8	<u>SECURITY</u>	
	<u>Specification</u> RESTRICTED	<u>Valve</u> RESTRICTED

→ Indicates a change

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

<u>RATING</u>		Note
Filament Voltage	(V)	1.3
Filament Current	(A)	.163

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%