

MINISTRY OF SUPPLY (S.R.D.E.)

Specification MCS/CV1371/Issue 5 Dated 26.7.46 To be read in conjunction with K1001	<table border="1"> <tr> <th colspan="2">SECURITY</th></tr> <tr> <td>Specification</td><td>Valve</td></tr> <tr> <td>Restricted</td><td>Restricted</td></tr> </table>	SECURITY		Specification	Valve	Restricted	Restricted
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→ indicates a change

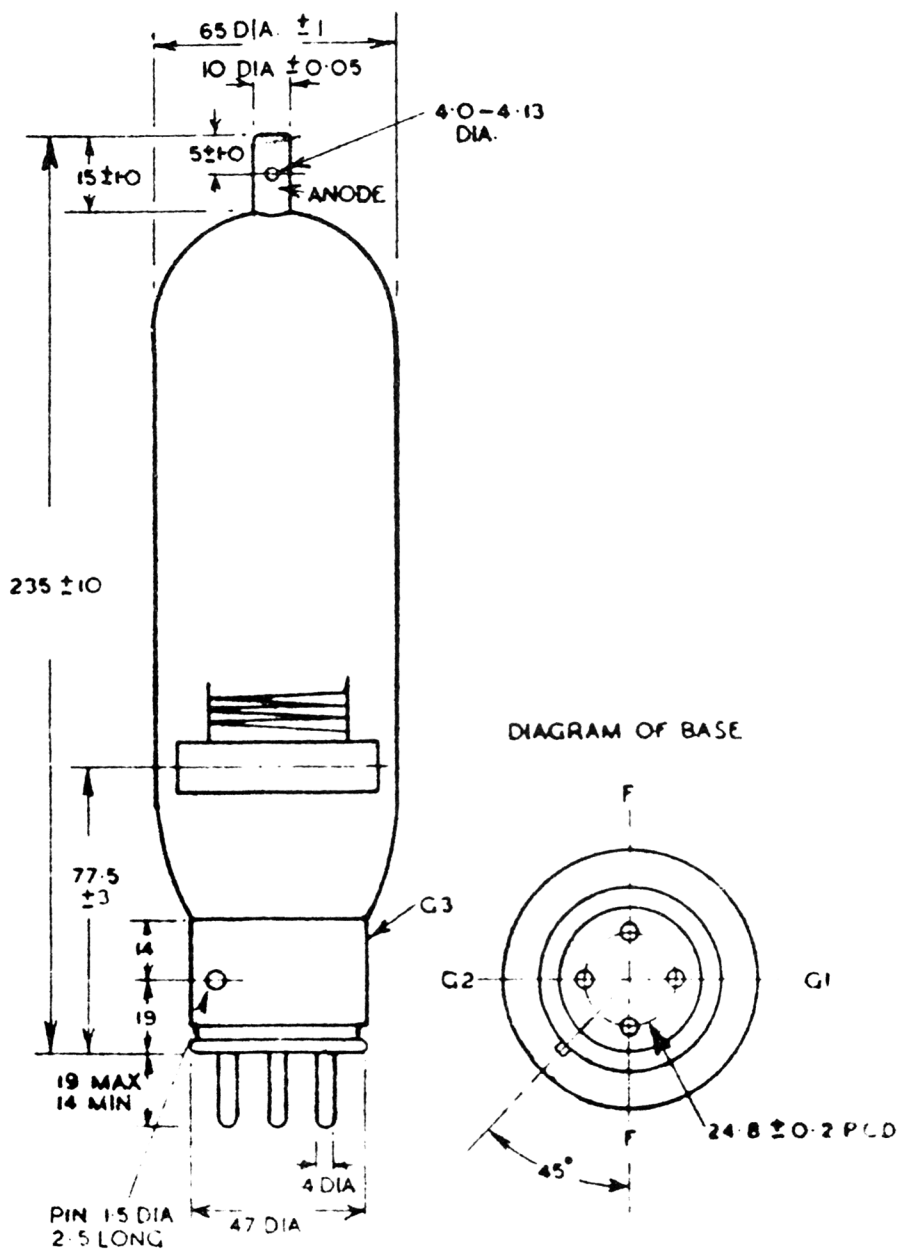
<u>TYPE OF VALVE:-</u> Transmitting pentode <u>CATHODE:-</u> Directly heated, oxide coated <u>ENVELOPE:-</u> Glass <u>PROTOTYPE:-</u> PZ1 - 75, SW75 PEN	<u>MARKING</u> See K1001/4																																
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TESTS

To be performed in addition to those applicable in K1001

	Test Conditions						Test	Limits		No. Tested
								Min.	Max.	
a	See K1001/AIII						Capacitances (pF)	-	0.06	T.A.
	Links to H.P.	Links to L.P.	Links to E							
	TC1	1	2,3,4,5,6, 7,8,9,10, TC2- and metal shell							
b	Vf DC	Vg1	Vg2	Vg3	Va	Ia (mA)	If (A)	1.8	2.2	100% or S
	10.0	-	-	-	-	-				
c	10.0	-	400	0	1500	60	Rev Ig (uA) This shall not be rising at end of test	-	10.0	100%
		Maintained for 3 mins.								
d	10.0	-	400	0	1500	50	Vg1 (V)	-115	-145	100%
e	10.0	As in 'd'	400	0	1500	50	Ig2 (mA)	8.0	24.0	100%
f	10.0	De- creas ed by 10V from value in 'd'	400	0	1500	-	Ia rise from value in 'd' (mA)	15.0	-	100%
g	10.0	-138	400	-	1500	-	Vg3 to give Ia = 50% of value at Vg3 = 0	-200	-400	100%
h	10.0	-200	400	0	1500	-	Ia (Tail) (mA)	-	10.0	100%
j	10.0	150	V A C			-	Ic (mA)	320	-	100%

FIG. 1.



ALL DIMENSIONS ARE IN MILLIMETRES