

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

Specification MOS/CV1369/Issue 4	<u>SECURITY</u>	
Dated:- 21.10.46	<u>Specification</u>	<u>Valve</u>
To be read in conjunction with K1001	Restricted	Unclassified

—————> indicates a change

<u>TYPE OF VALVE:-</u> Transmitting pentode			<u>MARKING</u>		
<u>CATHODE:-</u> Indirectly heated			See K1001/4		
<u>ENVELOPE:-</u> Glass - unmetallised					
<u>PROTOTYPE:-</u> 4061A					
<u>RATING</u>			<u>Note</u>	<u>BASE</u> USM7	
Heater voltage	(V)	6.3		<u>Pin</u>	<u>Electrode</u>
Heater current	(A)	0.8		1	Heater
Max. anode voltage	(V)	500		2	No connection
Max. screen voltage	(V)	250		3	Screen grid
Max. anode dissipation	(W)	10		4	Control grid
Max. screen dissipation	(W)	8		5	Suppressor grid
Max. direct control grid current	(mA)	10		6	Cathode
Max. R.F. control grid current	(A)	4		7	Heater
				TC	Anode
<u>NOTES</u>				<u>TOP CAP</u>	
This valve type is obsolete and this specification is for record purposes only.			See K1001/AI/25.3		
			<u>DIMENSIONS</u>		
			See K1001/AI/D1		
			<u>Dimensions</u>	<u>Min.</u>	<u>Max.</u>
A mm	-	146			
B mm	-	48			
L mm	-	130			

To be performed in addition to those applicable in K1001

	Test conditions					Test	Limits		No. tested
							Min.	Max.	
a	Vh 6.3	Va -	Vg1 -	Vg2 -	Vg3 -	Ih (A)	0.7	0.9	100% or 8
b	6.3	500	-10	200	0	Ia (mA)	35	65	100%
c	6.3	500	-10	200	0	Ig2 (mA)	-	20	100%
d	6.3	500	-10 to -8	200	0	Ia rise (mA)	4.0	6.0	100%
e	6.3	500	-10	200	0	Rev Ig (uA)	-	4.0	100%
f	6.3	500	-50	200	0	Ia tail (mA)	-	0.2	100%
g	6.3	500	-50	200	0	Ig2 tail (mA)	-	0.1	100%
h	6.3	500	0	150	0 to -40	Decrease in Ia (mA)	8.0	-	100%
j	6.3	50 volts A.C. 50c/s strapped				Cathode Current (mA)	70	-	100%