

Specification MOSA/CV511 Issue 3 Dated 29.5.1954 To be read in conjunction with K1001	<u>SECURITY</u>	
	<u>Specification</u> UNCLASSIFIED	<u>Valve</u> UNCLASSIFIED

→ Indicates a change

TYPE OF VALVE - Output Beam Tetrode CATHODE - Indirectly Heated ENVELOPE - Glass, unmetallised PROTOTYPE - 6V6GTY			<u>MARKING</u>		
			See K.1001/4. Additional Marking 6V6GTY		
<u>RATINGS</u>			<u>BASE</u>		
			I.O.		
			<u>CONNECTIONS</u>		
			Pin	Electrode	
			1	No connection	
			2	Heater	
			3	Anode	
			4	Screen Grid	
			5	Control Grid	
			6	Pin omitted	
			7	Heater	
			8	Cathode and beam forming plates	
			<u>DIMENSIONS</u>		
			See K1001/A1/D1		
			Dimensions	Min.	Max.
			A m.m.	-	84.3
			B m.m.	-	33.5
			<u>NOTES</u>		
			A. At $V_a = V_{g2} = 250$, $V_{g1} = -12.5$.		

To be performed in addition to those applicable in K.1001

Test Conditions					Test	Limits		No. Tested	Note
						Min.	Max.		
	Vh	Va	Vg ₂	Vg ₁					
a	6.3	0	0	0	Ih (A)	0.41	0.49	100% or S	
b	6.3	250	250	-12.5	Ia (mA)	33.0	57.0	100%	
c	6.3	250	250	-12.5	Ig ₂ (mA)	-	7.5	100% or S	
d	6.3	250	250	-12.5	g _m (mA/V)	3.0	5.2	100%	
e	6.3	250	250	-12.5	Reverse Ig ₁ (mA)	-	2.0	100%	
f	6.3	30	30	30	Emission (mA)	100	-	100%	