

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

Specification MOS/CV1985				SECURITY	
Issue 1. Dated 6.1.53				Specification	Valve
To be read in conjunction with K1001				Unclassified	Unclassified
—————→ indicates a change					
<u>TYPE OF VALVE:</u> Twin Triode <u>CATHODE:</u> High Mu Amplifier <u>ENVELOPE:</u> Indirectly Heated <u>PROTOTYPE:</u> Glass unmetallised 6SL7GT				<u>MARKING</u> See K.1001/4.	
				<u>BASE</u> See K1001/A1/D1 <u>I.O.</u> M Dimension (V) applies	
				<u>CONNECTIONS</u>	
				<u>Dimensions</u>	
				See K.1001/A1/D1	
				Dimension	Min. Max.
				A Min.	84.3
				B Min.	33.5

NOTES

- A. $V_a = 250$ $V_{g1} = -2$
 B. Per Section.
 C. Absolute Maximum Values.

TESTS

To be performed in addition to those applicable in K1001.

TEST CONDITIONS				TEST	LIMITS		NO. TESTED	NOTE
	Vh	Va	Vg		MIN.	MAX.		
a	6.3	0	0	Ih (mA)	275	325	100%	
b	6.3	250	-2	Ia (mA)	1.4	3.2	100%	2
c	6.3	250	-2	gm (mA/V)	1.2	2.0	100%	2
d	6.3	250	-2	μ	55	85	20 per week	
e	6.3	250	-2	Reverse Ig1 (μ A)	-	1.0	100%	1
f	6.3	250	-5.5	Ia (μ A)	-	25	100%	2
g	6.3	30	30	Ie (mA)	40	-	100%	2

NOTES

1. Test units connected in parallel.
2. Test each unit separately.