

CVI586

Specification MOS(A)/CVI586 Issue 6 Dated 20.2.57 To be read in conjunction with BS1409, BS448 and K1001.	<table border="1"> <tr> <th colspan="2">SECURITY</th></tr> <tr> <th>Specification</th><th>Valve</th></tr> <tr> <td>UNCLASSIFIED</td><td>UNCLASSIFIED</td></tr> </table>	SECURITY		Specification	Valve	UNCLASSIFIED	UNCLASSIFIED
SECURITY							
Specification	Valve						
UNCLASSIFIED	UNCLASSIFIED						

→ Indicates a change

TYPE OF VALVE - Triode			<u>MARKING</u>																							
CATHODE - Directly heated			See K.1001/4																							
ENVELOPE - Glass-metallised																										
PROTOTYPE - HL23																										
<u>RATINGS</u>			<u>BASE</u>																							
(All limiting values are absolute)			BS.448/BS-MO																							
			<u>CONNECTIONS</u>																							
			<u>Note</u>																							
			<table><tr><td>Pin</td><td>Electrode</td></tr><tr><td>1</td><td>Filament f</td></tr><tr><td>2</td><td>Pin Omitted NP</td></tr><tr><td>3</td><td>Anode a</td></tr><tr><td>4</td><td>Pin Omitted NP</td></tr><tr><td>5</td><td>Grid g</td></tr><tr><td>6</td><td>Metallising m</td></tr><tr><td>7</td><td>Pin Omitted NP</td></tr><tr><td>8</td><td>Filament f</td></tr></table>			Pin	Electrode	1	Filament f	2	Pin Omitted NP	3	Anode a	4	Pin Omitted NP	5	Grid g	6	Metallising m	7	Pin Omitted NP	8	Filament f			
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<u>CAPACITANCES</u> (pF)			<u>DIMENSIONS</u>																							
			See K.1001/A1/D1																							
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			<u>MOUNTING POSITION</u>																							
			Any																							
<u>NOTES</u>																										
A. At $V_a = 100V$; $V_g = 0$.																										

To be performed in addition to those applicable in K1001

CV1586

Test Conditions				Test	Limits		No. Tested
					Min.	Max.	
a	Measured on a 1 Mc/s bridge with valve mounted in a fully shielded socket.			<u>CAPACITANCES (pF)</u>			1% (20)
				C in	1.8	3.25	
				C out	4.0	5.4	
				Ca, g	4.0	5.4	
b	V	Va(V)	Vg	Filament Current (mA)	47	57	100%
	2.0	0	0				
c	2.0	120	-1.5	Anode Current (mA)	1.0	2.0	100%
d	2.0	120	-1.5 to 0	Anode Current Rise (mA)	1.6	-	100%
e	2.0	120	-1.5	Reverse Grid Current (μA)	-	0.75	100%
f	2.0	120	-6.0	Anode Current (mA)	-	0.05	100%
g	2.0	120	-1.5	Amplification Factor	26.0	37.0	100% or S
h	2.0	Anode and Grid Strapped. Applied Voltage = 10V r.m.s. 50 c/s.		Mean Cathode Current (mA)	4.9	-	100%