

VALVE ELECTRONIC**CVX 2223**MINISTRY OF SUPPLY (S.R.D.E.)

Specification MOS/CVX2223/Issue 2			SECURITY		
Dated:- 18.6.52.			Specification		Valve
To be read in conjunction with K1001			Unclassified		Unclassified
<u>TYPE OF VALVE:-</u> Cold Cathode Gas Tube Decade Counter			<u>MARKING</u> As K1001/4 with the title CVX2223 omitting the Type Approval letter.		
<u>ENVELOPE:-</u> Glass, unmetallised					
<u>PROTOTYPE:-</u> G1Q/241/E			<u>BASE</u> Duodecal		
<u>RATING</u>					
<u>D.C. CHARACTERISTICS (NOMINAL)</u>					

TESTS

To be performed in addition to those applicable in K1004

	Test Conditions	Limits	No. Tested												
	Each valve shall be operated under the conditions specified below in a test set to VLS6286. The VLS6286 Test Set shall be adjusted to the following limiting values:- <table><tr><td>Pulse Amplitude</td><td>135 volts</td></tr><tr><td>Pulse Width</td><td>16 μs</td></tr><tr><td>C.P. bias at 300 V. H.T.</td><td>105 volts</td></tr><tr><td>Transfer bias at 300 V. H.T.</td><td>66 volts</td></tr><tr><td>Anode Load</td><td>27 K.ohms</td></tr><tr><td>Cathode Load</td><td>15 K.ohms</td></tr></table>	Pulse Amplitude	135 volts	Pulse Width	16 μ s	C.P. bias at 300 V. H.T.	105 volts	Transfer bias at 300 V. H.T.	66 volts	Anode Load	27 K.ohms	Cathode Load	15 K.ohms		
Pulse Amplitude	135 volts														
Pulse Width	16 μ s														
C.P. bias at 300 V. H.T.	105 volts														
Transfer bias at 300 V. H.T.	66 volts														
Anode Load	27 K.ohms														
Cathode Load	15 K.ohms														
a	Adjust the anode supply voltage to 315 volts	The valve shall complete the test cycle without failure	100%												
b	Adjust the anode supply voltage to 345 volts	The valve shall complete the test cycle without failure	100%												

DIMENSIONS ARE
MAXIMUM

