

MINISTRY OF SUPPLY DLRD/RRE.

VALVE ELECTRONIC

CV6004

Specification MOS(A)/CV6004

Issue 1 dated 1st May, 1959.

To be used in conjunction with BS448, BS1409 and K1001

SECURITYSpecificationValve

UNCLASSIFIED

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indicates a change

TYPE OF VALVE - Gas filled diode				<u>MARKING</u>	
CATHODE - Cold				See K1001/4	
ENVELOPE - Sub-miniature glass				<u>BASE</u>	
PROTOTYPE - XC12				See Drawing on page 2.	
<u>RATING</u>					
All limiting values are absolute				Note	
Nominal striking voltage	(V)	104	A	<u>CONNECTIONS</u>	
Max. Anode current	(mA)	1		See Drawing on page 2.	
Nominal Voltage drop	(V)	85		<u>DIMENSIONS</u>	
Regulation 0.5 mA to 1mA	(V)	1		See Drawing on page 2.	
				<u>MOUNTING POSITION</u>	
				Any	
<u>NOTES</u>					
A Operating current 1 mA.					
B Joint Service Catalogue Number 5960-99-037-2065					

CV6004

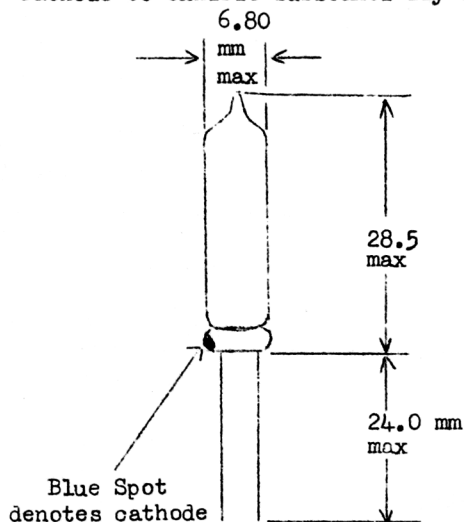
TESTS

To be performed in addition to those applicable in K1001

K1001 ref.	Test	Test Conditions	AQL %	Insp, Level	Sym- bol	Limits Min/Max		Units
	Striking Voltage	Increase V_a until current flows		100%	V_s	100	108	V
	Maintaining Voltage Note 1	Cathode current adjusted to 1 mA		100%	V_m	83	88	V
	Regulation Change in maintaining Voltage	Cathode current adjusted to 0.5 mA	6.5	IC	-	-	1	V

NOTE

1. Cathode to exhibit substantially 100% glow coverage.



Spacing of leads
1.5 mm min. The leads
shall be flexible,
tinned copper clad
nickel-iron wire of
0.34-0.48 mm diameter.

Dimensions in millimetres