

Specification MOS/CV 5133 Issue 1 dated 15.4.58 To be used in conjunction with K.1001 excluding clauses 5.2; 5.8; 7.2.	<u>SECURITY</u>	
	<u>Specification</u>	<u>Valve</u>
	Unclassified	Unclassified

TYPE OF VALVE - Non Linear Stabilising Element ENVELOPE - Glass PROTOTYPE - Atlas 5-8 watt 230 v. Fyguv Lamp		<u>MARKING</u>	
		See K.1001/4	
		<u>BASE</u>	
<u>RATING</u>		Bayonet Cap B22/22	
All limiting valves are absolute		Note	
Resistance with 1 volt applied across element (ohms)	833	<u>DIMENSIONS</u>	
Resistance with 4 volts applied across element (ohms)	1380	See Drawing, Page 2	
Resistance with 16 volts applied across element (ohms)	2286	Dimension (mm)	Min Max
Resistance with 64 volts applied across element (ohms)	3764	C Diameter	27 29
		D Overall Length	53 59
<u>TYPICAL OPERATING CONDITIONS</u>		<u>MOUNTING POSITION</u>	
This valve is intended to be used as a stabilising element in electronic oscillators, or in non-linear circuits such as voltage sensitive bridges. The law followed is approximately $V = KI^n$ where V is expressed in Volts I is expressed in Amps. K is (approximately) 2.3×10^4 n is (approximately) 1.55		Any	

TESTS

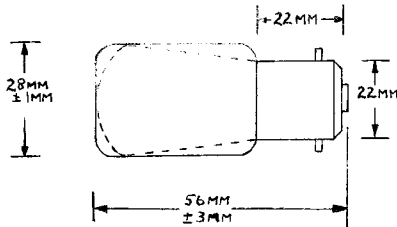
To be performed in addition to those applicable in K.1001
 Tests shall be performed in the specification order unless otherwise
 agreed with the inspecting authority.

K1001 ref.	Test	Test Conditions	AQL %	Insp. Level	Sym- bol	Limits		Units
						Min.	Max.	
	Current	Voltage applied across element. Note 1.						
		(a) 1 volt	100%		I	1.02	1.38	mA
		(b) 4 volts	100%		I	2.46	3.34	mA
		(c) 16 volts	100%		I	5.95	8.05	mA
		(d) 64 volts	100%		I	14.25	20.0	mA

NOTE

1. Ambient temperature to be between 15°C and 20°C.

OUTLINE DRAWING



TYPICAL CHARACTERISTICS.

