

ADMIRALTY SIGNAL ESTABLISHMENT

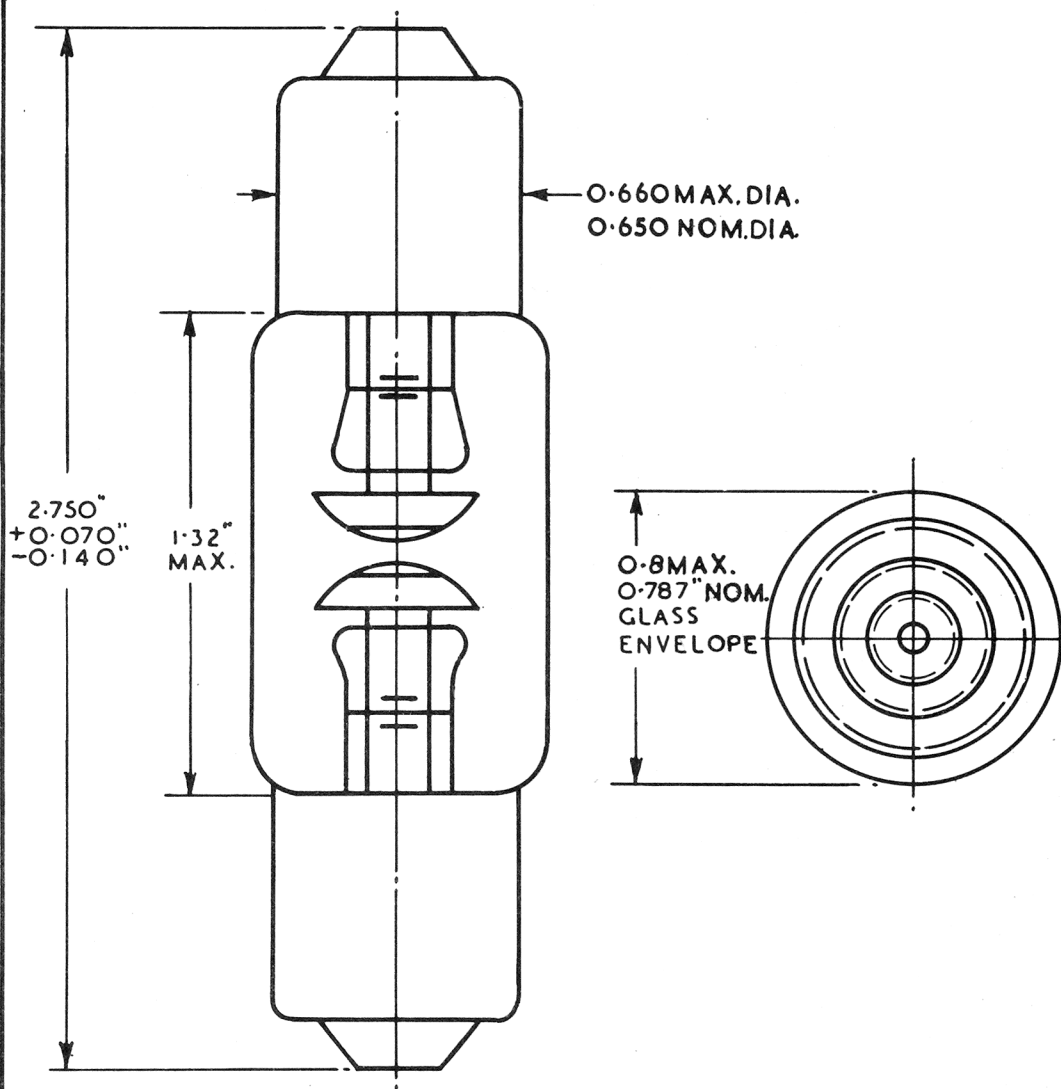
Specification AD/CV986/Issue 4. Dated 7.3.47. To be read in conjunction with K1001, ignoring clauses:- 5.2, 5.8.	<u>SECURITY</u> <u>Specn.</u> Restricted	<u>Valve</u> Unclassified
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<u>TYPE OF VALVE:-</u> Lightning Arrestor, Protecting Gas Gap. <u>PROTOTYPE:-</u> Siemens Type 15A.	<u>MARKING</u> In accordance with K1001/4 but on one of the brass caps.
<u>RATING</u> Max. Breakdown Voltage D.C. (V) 250	<u>DIMENSIONS & CONNECTIONS</u> See Fig. 1, Page 2.
<u>NOTE</u> A. <u>Gas Filling.</u> The tube shall be filled with an approved gas at the required pressure.	

TESTS

To be performed in addition to those applicable in K1001.

	Test Conditions	Test	<u>Limits</u>		No. Tested
			Min.	Max.	
a	A steadily increasing voltage to be applied across the gap.	Striking Voltage D.C. (V)	150	250	1% (10)
b	As in 'a', but with reversed polarity.	As in test 'a' D.C. (V)	150	250	1% (10)
c	Capacitance to be measured at frequency of 2 Mc/s.	Capacitance (pF)	0.55	1.05	a.a. 100%
d	(i) Apply a voltage adjusted to give a current of 50 mA across the gap.	(i) 3 hours continuous running.	No appreciable permanent change in the striking voltage shall occur.		1% (10)
	(ii) Apply a voltage adjusted to give a current of 10 A across the gap.	(ii) 1 second continuous running. Test to be repeated 5 times, time allowed for cooling between each test.			



ELECTRONIC VALVE SPECIFICATIONS

SPECIFICATION AD/CV986 ISSUE 4 DATED 7.3.47

AMENDMENT NO.1

Page 1. Test Clause 'C'

In column headed 'No. Tested' delete '100%'
and substitute 'Q.A.'

January, 1964
N.213542

T.V.C. for A.S.W.E.

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