ADMIRALTY SIGNAL & RADAR ESTABLISHMENT

VALVE ELECTRONIC **CV326**

Specification AD/CV326/Issue 5 Dated 3.12.54 To be read in conjunction with K1001, ignoring clauses:- 5.2, 5.8.	SECURITY Specn. Unclassified Valve Unclassified

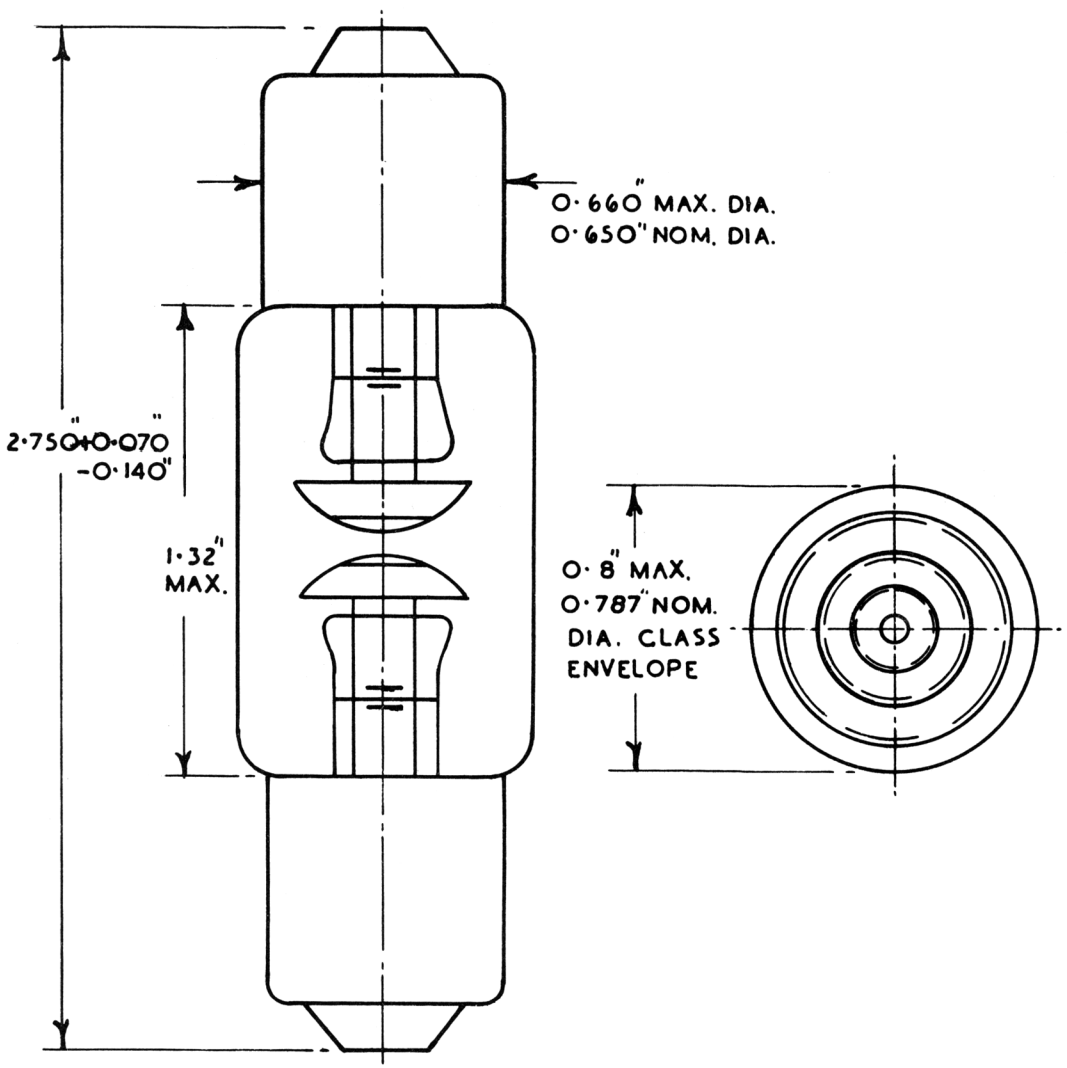
→ Indicates a change

TYPE OF VALVE:- Lightning Arrestor, Protecting Gas Cap. PROTOTYPE:- Siemens Type 15B.	MARKING In accordance with K1001/4 but on one of the brass caps.
RATING Maximum Breakdown Voltage D.C.(V) 350	DIMENSIONS & CONNECTIONS See Fig. 1, Page 2.
NOTE A. Gas Filling:- 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	Limits Min.	Limits Max.	No. Tested
a	A steadily increasing voltage to be applied across the gap.	Striking Voltage D.C. (V)	250	350	1% (10)
b	As test 'a' but with reversed polarity.	As test 'a' D.C. (V)	250	350	1% (10)
c	Capacitance to be measured at frequency of 2 Mc/s.	Capacitance (pF)	0.4	0.9	1% ←
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 being allowed for cooling between each test.			


0·660" MAX. DIA.
0·650" NOM. DIA.
2·750" +0·070" -0·140"
1·32" MAX.
0·8" MAX.
0·787" NOM.
DIA. CLASS
ENVELOPE