

Specification MOS/CV2293 Issue 2 dated 19.1.54 To be read in conjunction with K1001	<div style="text-align: center;"><u>SECURITY</u></div> <div style="display: flex; justify-content: space-between;"> <span><u>Specification</u></span> <span><u>Valve</u></span> </div> <div style="display: flex; justify-content: space-between;"> <span>UNCLASSIFIED</span> <span>UNCLASSIFIED</span> </div>
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→ indicates a change

TYPE OF VALVE: Barretter Tube	<u>MARKING</u> See K1001/4		
ENVELOPE: Glass	<u>BASE</u> B7G See K1001/AIV/D9		
PROTOTYPE: XB1	<u>CONNECTIONS</u>		
<u>RATING</u>  The tube gives a stabilised current of 300mA nominal, over the voltage range of 9 to 16 volts. <u>NOTE</u> 1. The valve should be operated in the vertical position only.  2. No connections should be made to the valve holder tags corresponding to pins 1, 2, 5, 6, and 7.	Pin	Electrode	
	1	No connection	
	2	No connection	
	3	Filament	
	4	Filament	
	5	No connection	
	6	No connection	
	7	No connection	
	<u>PACKING</u> See K1005		
	<u>DIMENSIONS</u> See K1001/A1/D4		
Dimensions	Min.	Max.	
A mm	-	54.01	
B mm	-	19.05	
L mm	-	47.75	
F mm	34.04	42.16	

TESTS

To be performed in addition to those applicable in K1001.

	Test Conditions	Test	Limits		No. Tested	Note
			Min.	Max.		
a	Applied D.C. voltage varied from 9 to 16 volts.	Filament (mA) current	280	320	100%	A

NOTE

- A. Before readings are taken the barretter should be allowed to stabilise.