

MINISTRY OF SUPPLY (S.R.D.E.)

VALVE ELECTRONIC

CV 2291

Specification MOS/CV2291 Issue 2 Dated 8.2.54 To be read in conjunction with K1001	<u>SECURITY</u>	
	<u>Specification</u> Unclassified	<u>Valve</u> Unclassified

→ indicates a change

TYPE OF VALVE : Barretter Tube ENVELOPE : Glass PROTOTYPE : 1909A	<u>MARKING</u> See K1001/4	
	<u>BASE</u> B4 See K1001/A IV/D5.1	
<p style="text-align: center;"><u>RATING</u></p> <p>The tube gives a stabilised current of 0.62 Amps nominal, over the voltage range 15 to 45 volts.</p> <p>This valve should be operated in the vertical position only.</p>	<u>PIN</u>	<u>ELECTRODE</u>
	1 2 3 4	Filament Omitted I.C. Filament
Resistance connected between pins 1 and 4. Pins 3 and 4 are interconnected.		
<u>PACKING</u> See K1005		
<u>DIMENSIONS</u> See K1001/A1/D1		
	<u>Dimensions</u>	<u>Min.</u> <u>Max.</u>
	A mm.	- 122
	B mm.	- 56
	L mm.	- 105

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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 15 to 45 volts	Filament current (A)	0.575	0.675	100%	

→ NOTE Barreter must be pre-heated for five minutes after each adjustment before taking measurements.

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