

Specification No. MOS/CV1301/4. Dated : 25.9.45. To be read in conjunction with K1001.	<u>SECURITY</u>	
	<u>Specification</u> Restricted	<u>Valve</u> Restricted

→ Indicates a change. ←

<u>TYPE OF VALVE</u> : Double diode (Separate cathodes) <u>CATHODE</u> : Indirectly heated <u>ENVELOPE</u> : Glass-unmetallised <u>COMMERCIAL PROTOTYPE</u> : D63.		<u>MARKING</u> As in K1001/4	
<u>RATING</u>		<u>BASE</u>	
Heater Voltage	6.3	International Octal Pin	Electrode
Heater Current (Amps.)	0.3	1	Metallising and shield
Maximum Anode Voltage RMS.	100	2	Heater 2
Max. Cathode Current per Diode (D.C.)(mA)	2.0	3	Anode 2
		4	Cathode 2
		5	Anode 1
		7	Heater 1
		8	Cathode 1
		<u>DIMENSIONS</u>	
		See K1001/A1/D1.	
		<u>Dimensions</u>	<u>Min.</u> <u>Max.</u>
		A mm.	-    99.0
		B mm.	-    35.5

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## TESTS

To be performed in addition to those applicable in K1001.

	Test Conditions		Test	Limits		No. Tested
				Min.	Max.	
a	Vh	Va	Ih (amps)	0.27	0.33	100%
	6.3	-				
b	6.3	10.0	Ia (mA)	1.0	15.0	100%
c	6.3	-1.3	Ia (mA)	-	0.30	100%
d	6.3	-0.3	Ia (mA)	0.30	-	100%

### NOTE 1

Clauses b, c and d shall be applied to both diodes.