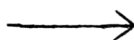


MINISTRY OF SUPPLY (D.L.R.D.(A))/R.A.E.

Specification MOSA/CV2741

Issue 1 Dated 16.3.53

To be read in conjunction with K.1001.

SECURITYSpecification
UNCLASSIFIEDValve
UNCLASSIFIED

Indicates a change

TYPE OF VALVE - Dummy Load Lamp ENVELOPE - Glass PROTOTYPE - 10E/772					<u>MARKING</u> See K.1001/4		
<u>RATINGS</u> Resistance (ohms) 20 Resistance (ohms) 10 Resistance (ohms) 5 Max. Power (W) 100					<u>BASE</u> B.4		
					<u>CONNECTIONS</u>		
					Note		
					Pin	Electrode	
					1	Filament Centre Top	
					2	No Connection	
3	Filament						
4	Filament						
					<u>DIMENSIONS</u> See K.1001/A1/D1		
					Dimension	Min.	Max.
					A m.m.	-	150
					B m.m.	-	80
<u>NOTES</u> A. Measured between pins 3 and 4. B. Measured between pins 1 and 3 or 1 and 4. C. Measured between pins 1, and 3 and 4 strapped. D. The lamp shall be suitable for use up to 20 Mc/s.							

To be performed in addition to those applicable in K.1001

	Test Conditions	Test	Limits		No. Tested	Note
			Min.	Max.		
a	Test voltage of 36v RMS min. to 54v RMS max. applied between pins 3 and 4	Resistance (ohms)	18	22	100%	
b	Test voltage of 24.2v RMS min. to 38.8v RMS max. applied to:- (1) between pins 1 and 3 (2) between pins 1 and 4	Resistance (ohms) Resistance (ohms)	9 9	11 11	100% 100%	
c	Test voltage of 18v RMS min. to 27v RMS max. applied between pins 1, and 3 and 4 strapped	Resistance (ohms)	4.5	5.5	100%	

NOTE

1. Lamp to be run before tests are performed for a min. period of 2 minutes under the conditions of test clause (a).