

Amendment No.1 to  
Specification CV.1856 - Issue 2 dated 19.8.53

Page 1      Ratings

Amend Heater Current (A) 2.0 to read  
Heater Current (A) 1.8.

Page 2.      Test (a)

Amend Heater Current limits to read 1.6 min. and  
2.0 max. instead of 1.8 min. and 2.2 max.

November, 1957.

T.V.C.  
for R.R.E.

N.5792

Specification MOS(A)/CV1856 Issue 2 Dated 19.8.53 To be read in conjunction with K1001.	<u>SECURITY</u>	
	<u>Specification</u> UNCLASSIFIED	<u>Valve</u> UNCLASSIFIED

→ Indicates a change

TYPE OF VALVE - Full-wave Rectifier CATHODE - Directly-heated ENVELOPE - Glass - Unmetallised PROTOTYPE - 5Y3GT R.T.M.A. DESIGNATION - 5Y3GT	<u>MARKING</u> See K1001/4 Additional Marking - 5Y3GT (See Note B)																																																																	
	<u>BASE</u> International Octal																																																																	
<u>RATING</u>	<u>CONNECTIONS</u>																																																																	
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A. Absolute maximum values. B. In addition to the requirements of K1001/4, the RTMA number shall also be clearly and indelibly marked on the valve. C. Horizontal operation permitted if pins 2 and 8 are in horizontal plane.																																																																		

To be performed in addition to those applicable in K1001

Test Conditions			Test	Limits		No. Tested	Note
				Min.	Max.		
a	Vh	Va	Heater Current (A)	1.8	2.2	100%	
	5.0	0					
b	5.0	75 volts DC (max.)	Anode Current (mA)	120	-	100%	1
c	5.0	-	Output Current (mA)	110	-	100%	

Input voltage = 400-0-400V RMS;  
Frequency = 50 c/s;  
Load Resistance = 2750 ohms;  
Reservoir Condenser = 4  $\mu$ F;  
Effective resistance per anode introduced externally, shall be such that a valve which gives a voltage drop of 60V when passing 125 mA per anode, shall give an output current of 140 mA.

NOTE

1. Test to be performed on each anode separately.