

ELECTRONIC VALVE SPECIFICATIONS

SPECIFICATION MOS/CV1377 ISSUE 2 DATED 13.1.58

AMENDMENT NO.1

Page 2 Test Clause (b)

- (a) In the column headed "Test Conditions, Va.A.C." delete "45" and substitute "30"
- (b) In the column headed "Limits, Min and Max" delete "280" and "500" and substitute "195" and "345"
- (c) Note 3 Delete "Per Section" and substitute "30 V.A.C. each Anode"

January, 1963.

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

N.163616

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|---|--------------------------------------|------------------------------|
| Specification MOS/CV.1377 Issue 2 Dated 13.1.58. To be read in conjunction with B.S.448, B.S.1409 and K.1001. | <u>SECURITY</u> | |
| | <u>Specification</u> UNCLASSIFIED | <u>Valve</u> UNCLASSIFIED |

→ Indicates a change.

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|---|---------|---------------------------------------|-----------------------|----------------------|
| TYPE OF VALVE - High vacuum Full Wave Rectifier CATHODE - Indirectly heated ENVELOPE - Glass, unmetallised PROTOTYPE - GZ.34 | | <u>MARKING</u> See K1001/4 | | |
| | | <u>BASE</u> B.S.448/B8-0 | | |
| <u>RATING</u> (All limiting values are absolute) | | <u>CONNECTIONS</u> | | |
| | | Note | Pin | Electrode |
| Heater Voltage (V) | 5.0 | | 1 | Int. Con. IC |
| Heater Current (A) | 1.9 | | 2 | Heater h |
| Max. Peak Inverse Voltage (V) | 1650 | | 3 | No Con. NC |
| Max. Peak Anode Current (mA) | 760 | A | 4 | Anode (1) a' |
| Max. Surge Anode Current (A) | 4.0 | A | 5 | No Con. NC |
| Max. Mean d.c. Anode Current (mA) | 140 | A | 6 | Anode (2) a'' |
| Max. Reservoir Condenser (μF) | 120 | | 7 | No Con. NC |
| | | | 8 | Heater Cathode h + k |
| <u>Typical Operating Conditions</u> | | <u>DIMENSIONS</u> See K.1001 AI DI | | |
| Anode Volts (Vrms) | 2 x 450 | | Dimensions (mm) | |
| Output Current (mA) | 250 | | Min. | Max. |
| Capacitance (μF) | 60 | | B diameter - 38 | |
| Minimum limiting resistance (Ω) | 125 | A | L seated height - 72 | |
| V. out (V) | 450 | | A overall length - 86 | |
| | | <u>MOUNTING POSITION</u> Any | | |
| <u>NOTES</u> | | | | |
| A. Each Anode | | | | |

| Limits | No. tested | Note |
|--------|---------------|------|
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