

MINIATURE HALF WAVE RECTIFIER

EY51

Indirectly-heated miniature rectifier of low cathode consumption, with wired-in connections. Suitable for use as E.H.T. rectifier in television equipment or as probe rectifier in test equipment.

Preliminary Data

GENERAL

The EY.51 is a miniature high voltage rectifier with "wire in" connections. Its low heater wattage renders it suitable for use in television equipment when the EHT supply is derived either from the time base flyback, or from a small power oscillator.

HEATER

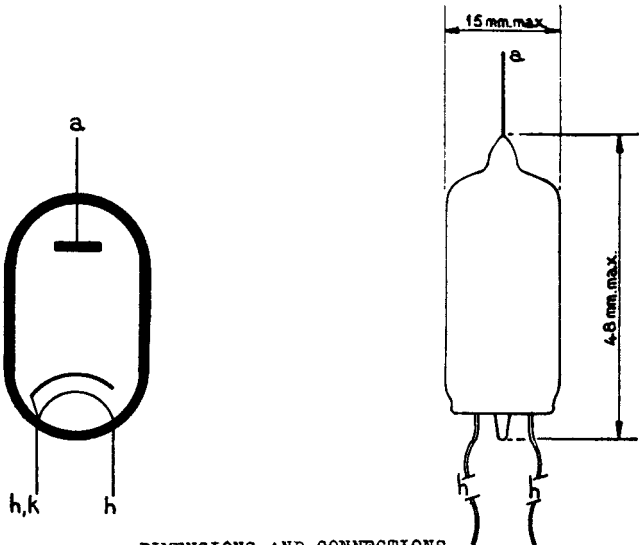
| | | |
|-------|-----|----|
| V_h | 6.3 | V |
| I_h | 80 | mA |

LIMITING VALUES FOR 50-150 c/s OPERATION

| | | |
|----------------|-----|----|
| $V_{out\ max}$ | 5 | kV |
| $I_{out\ max}$ | 0.5 | mA |

LIMITING VALUES FOR 1 kc/s PULSE OPERATION

| | | |
|----------------|-----|---------|
| $V_{out\ max}$ | 9 | kV |
| $I_{out\ max}$ | 100 | μ A |



DIMENSIONS AND CONNECTIONS

