

Rogers Electronic Tubes & Components

6354

Description Voltage stabiliser

Mechanical data

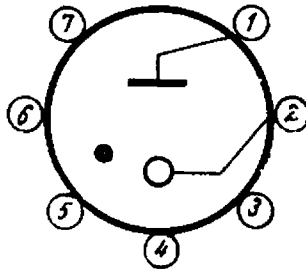
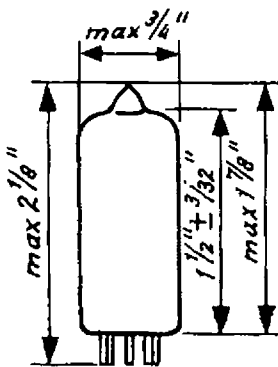
| | |
|-------------------|--------------|
| Cathode | cold cathode |
| Base | E 7 - 1 |
| Bulb | T 5½ |
| Outline | 5 - 2 |
| Basing | see drawing |
| Mounting position | any |

Tube outline

Bottom view of base

Base pin No.

Element



| | |
|---|-----------|
| 1 | anode |
| 2 | cathode |
| 3 | int.conn. |
| 4 | int.conn. |
| 5 | int.conn. |
| 6 | int.conn. |
| 7 | int.conn. |

Ratings (absolute values)

| | | | |
|---|------|-----|-------|
| Supply voltage necessary to insure starting throughout life | min. | 180 | volts |
| D.C. cathode current | max. | 15 | mamps |
| | min. | 5 | mamps |
| Starting current(av.time max.40 sec.) | max. | 40 | mamps |
| Ambient temperature | max. | 90 | °C |
| | min. | -55 | °C |

Typical characteristics

| | | |
|--|-------|---------------|
| Anode voltage drop(at 10 mamps) | bogey | 150 volts |
| | min. | 146 volts |
| | max. | 154 volts |
| Anode breakdown voltage | max. | 180 volts |
| Variation of anode voltage drop at 10 mamps during 1000 hours | max. | 1 % |
| Temperature coefficient of the voltage drop | | 10 m.volts/°C |
| Regulation(from 5 to 15 mamps) | max. | 5 volts |

Remarks

- 1) The tube should be operated only with the cathode negative and the anode positive
- 2) Equilibrium conditions are reached within three minutes
- 3) The tube should not be subjected to severe shock or continuous vibration