

The Type 6352 is a subminiature double diode with a tungsten filament which is operated under conditions of temperature limited emission. The plate current is dependent on filament voltage.

MECHANICAL DATA

| | | | |
|-------------------------------|---|--------------|---------------------|
| Style | subminiature | Basing | 8EY |
| Cathode | tungsten filament | Connections: | |
| Bulb | T-3 | Lead 1 - | filament |
| Base | E8-10, Subminiature Button Flexible Leads | Lead 2 - | internal connection |
| Outline | 3-2 | Lead 3 - | internal connection |
| Maximum Diameter | 0.400 inch | Lead 4 - | filament center tap |
| Maximum Overall Bulb Length.. | 1.500 inches | Lead 5 - | #2 plate |
| Minimum Lead Length | 1.500 inches | Lead 6 - | filament |
| Mounting Position: | | Lead 7 - | #1 plate |
| Vertical | base up or down | Lead 8 - | filament center tap |
| Horizontal | leads 1 and 6 in a vertical plane | | |

ELECTRICAL DATA

CHARACTERISTICS(1)

| | |
|---------------------------------|------------|
| Filament Voltage(series)(ac)(2) | 3.0 volts |
| Filament Current(series) | 360 ma |
| Plate Voltage(dc) | 250 volts |
| Plate Load Resistor | 1 megohm |
| Plate Current | 50 μ a |

RATINGS-Absolute Values

| | |
|--------------------------------------|-----------|
| Maximum Filament Voltage(series)(ac) | 4.0 volts |
| Maximum Plate Voltage(dc) | 275 volts |
| Maximum Plate Current(1) | 1.1 ma |

Notes

- (1) Plates connected together at socket.
- (2) Filament voltage is adjusted for plate current of 50 microamperes with other parameters as specified.

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