The WL-5954 is a high vacuum diode for rectifier service. The cathode is a thoriated tungsten filament.

**ELECTRICAL DATA**

- Filament Voltage: 2.5 Volts
- Filament Current: 6 Amperes
- Filament Heating Time – Filament and Plate voltage may be applied simultaneously.
- Tube Voltage Drop, at I_b of 270 milli-ampere, Approx.: 520 Volts

**MECHANICAL DATA**

- Overall Dimensions, Drawing: 60146
- Mounting Position, Vertical with Filament Base Either Up or Down.

**MAXIMUM RATINGS**

- Maximum Peak Inverse Anode: 20,000 Volts
- Maximum Peak Plate Current: 270 Milliamperes
- Average Plate Current: 25 Milliamperes
- Average Plate Current for a Maximum Time of 5 Minutes: 100 Milliamperes
- Average Plate Dissipation: 75 Watts