

56001 – Temperature Limited Diode



Temperature limited diode, also known as saturated diode, intended to operate as sensor in AC/DC stabilization circuits. The plate current is related to the temperature of the tungsten filament, and hence to the filament supply voltage or current, by the Richardson emission law.

Typical operating conditions:

- V_a 300 V
- R_a 330 k Ω
- V_f 4.6 V \pm 0.2 V
- I_f 147 to 163 mA
- I_a 85 to 240 μ A

Rimlock base.

