**Linear Power Supply**

**A picture containing appliance, kitchen appliance, fan, stove

Description automatically generated**

|  |
| --- |
| **VAC INPUT:**   * 15VAC 10A |
| **VDC OUTPUT:**   * 9.4V-10V * MAXIMUM CURRENT: 10A |
| **INPUT RIPPLE FACTOR:**   * 5.4% |
| **TEMPERATURE RATINGS:**   * RATED AMBIENT TEMPERATURE: 28⁰C |
| **FUSING REQUIREMENTS:**  FUSE HOLDER   * OUTPUT CURRENT OF GREATER THAN 12A WILL BURN THE FUSE UNDER SHORT CIRCUIT CONDITION * REPLACE THE BURNED FUSE WITH A 12A GLASS TUBE FUSE   **A close-up of a circuit board  Description automatically generated with low confidence** |
| **SHORT CIRCUIT PROTECTION:**   * FUSED AT OUTPUT CURRENT OF 12A |
| **OVERLOAD PROTECTION:**   * AUTOMATIC CURRENT LIMIT USING CURRENT SENSING RESISTOR |
| **EFFICIENCY:**  (TESTED LOADS)   |  |  | | --- | --- | | **LOAD Ω** | **EFFICIENCY** | | 1.05 | 51.397% | | 2 | 47.323% | | 3.34 | 46.829% | | 4.4 | 45.655% | | 5.57 | 44.584% | | 6.6 | 43.887% | |
| Diagram, engineering drawing  Description automatically generatedDiagram, engineering drawing  Description automatically generatedA picture containing graphical user interface  Description automatically generated**LINEAR POWER SUPPLY CASE:**  **OVERALL SIZE:**  **ALL THE MEASUREMENTS IN THE DIAGRAM ARE IN MILIMETER SCALE** |