5V DC POWER SUPPLY

D2
IN4007

U1
L7805

15V(L1)

IN   OUT   3
GND
2

+5VDC

C1
1000uF/25V

0(N)

+

J2
Conn_01x02_Female

2   +5VDC
1

R1
150E

+   C2
1uF/63V

GND

D1
IN4007

OUTPUT 5VDC

15V(L2)

GND

D3
LED

15V(L1)   1
0(N)   2   J1
15V(L2)   3   Conn_01x03_Female

INPUT 15-0-15 AC
FROM TRANSFORMER

RECTIFIER

LINEAR VOLTAGE REGULATOR