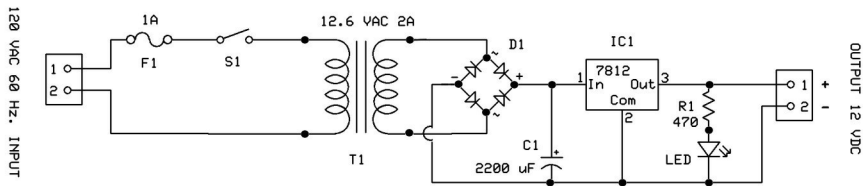
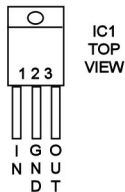


## REGULATED 12 VOLT - 1.5 AMPERE POWER SUPPLY



**CAUTION!**  
HIGH-VOLTAGE



Notes: The 7812 voltage regulator will output up to 1.5 Amperes of current ONLY if a suitable heatsink is used. Mount the IC onto a 2" x 2" x 1/2" aluminum heatsink and allow for good airflow cooling.

Many parts are not critical.

C1 can be any value above 2200uF, and voltage rating of C1 can be 35V or 50V. D1 can be any bridge rectifier with a minimum rating of 50 PIV and 3A.

R1 and LED can be omitted if not wanted.

### PARTS LIST

F1 - 1A / 125V FUSE

S1 - SPST SWITCH (used for power on/off)

T1 - 12.6 VAC / 2A ( or 3A ) POWER TRANSFORMER

D1 - 50 PIV (min.) 3A (min.) BRIDGE RECTIFIER

C1 - 2200uF (min.) **35V** ELECTROLYTIC CAPACITOR

IC1 - **7812** VOLTAGE REGULATOR

R1 - **470** OHM 1/4W

LED - RED LED (used for power-on indication)

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