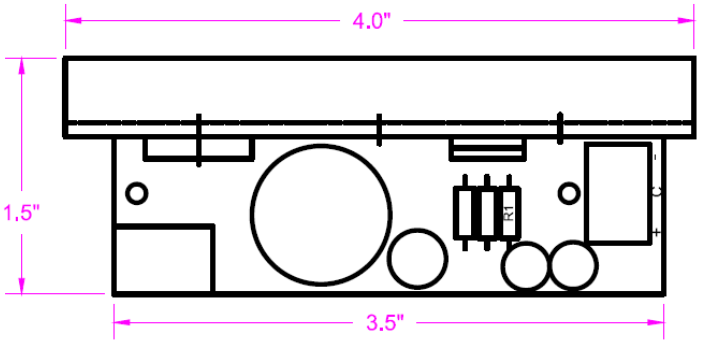
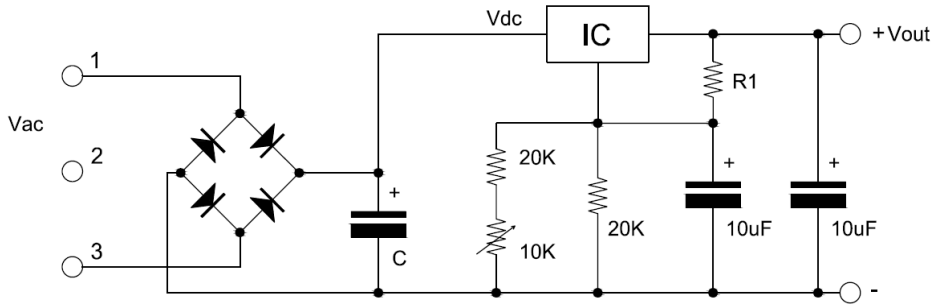
Unlock precision in your projects with our DR-xxyyL Voltage Regulated Boards – the ultimate solution for customized voltage regulation! Engineered for enthusiasts and professionals, this board boasts the versatility of the LM317HV or LM350A voltage regulator IC, enabling you to precisely adjust your power supply from 5V to 50V. Whether you're embarking on a new DIY endeavor or upgrading an existing project, this voltage regulated board ensures the stability and control necessary for success. Elevate your projects with DR-xxyyL – where precision meets innovation!

Dimension: **3.5" x 1.5" x 2.0"h**
Weight: **0.5 Pound**
Mt Holes Space: **2.75"**
Mounting: **4-40 x 0.25" standoffs x2**



Avoid connecting the heat sink to the ground or chassis directly. The heat sink makes direct contact with pin 2 of the IC. If you intend to secure the heat sink to the chassis ground, ensure to include an insulated mica pad between the TO-220 and the heat sink.
For safety reasons, ensure that the temperature of the heat sink does not exceed 75 degrees Celsius at full load.



For additional information about the IC, please consult the datasheets for LM350A or LM317HV.
When placing your order, kindly note not to install the resistor (R). Feel free to solder your own resistor for precise adjustments as needed.

Model	Vout	Imax	Component Detail	IC	Suggest Input Voltage*
DR-0803L	5-8Vdc	3A	R1 = 1K, C = 10000uF 16V	LM350A	7-10Vac, 50VA transformer
DR-1203L	9-12Vdc	3A	R1 = 910, C = 10000uF 16V	LM350A	12-16Vac, 50VA transformer
DR-1803L	13-18Vdc	3A	R1 = 750, C = 4700uF 35V	LM350A	16-20Vac, 100VA transformer
DR-2403L	19-24Vdc	3A	R1 = 680, C = 4700uF 35V	LM350A	20-28Vac, 100VA transformer
DR-3001L	24-30Vdc	1.5A	R1 = 580, C = 3300uF 50V	LM317HV	25-32Vac, 100VA transformer
DR-3601L	31-40Vdc	1.5A	R1 = 430, C = 3300uF 50V	LM317HV	30-35Vac, 100VA transformer
DR-4801L	41-48Vdc	1A	R1 = 360, C = 2200uF 80V	LM317HV	35-42Vac, 100VA transformer

* Suggest voltage differentail in IC (Vac x 1.4 - 2 - Vout) > 6V and < 15V. And maximum power dissipate on IC is 20W (Vdifferentail x Iout).

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