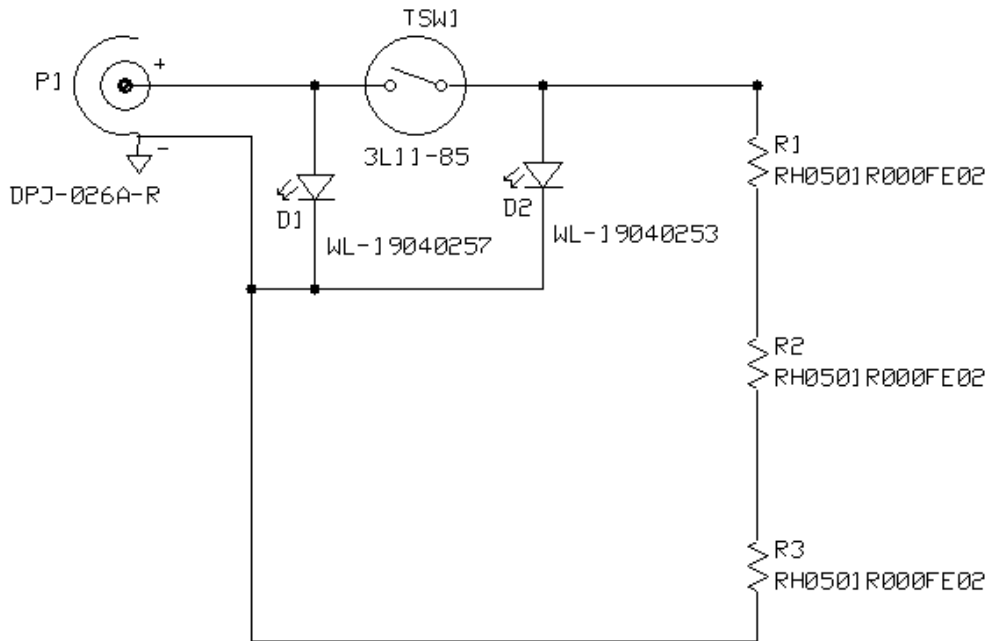


## Schematic



### Parts List:

Qty	Description	Distributor	Price
3	RH0501R000FE02 Vishay Dale 50W resistor	Allied Elec.: 70201506	Price \$12.45
1	3L11-85 White Rodgers thermostat	Allied Elec.: 70101868	Price \$7.90
1	B5-0800BK Box Enclosure 1.37x5.25x3.15 in Box	Allied Elec.: 70020453	Price \$12.85
1	WL-19040257 12V Blue LED	Allied Elec.: 70117687	Price \$6.35
1	WL-19040253 12V Red LED	Allied Elec.: 70117686	Price \$3.81
1	6.6A Power Supply 2,2.5X5.5mm	Jameco Elec.: 2078291	Price \$34.23
1	POWER CORD,8 FEET,AWG 18/3,SVT,BLACK,UL	Jameco Elec.: 1585637	Price \$4.95
1	DPJ-026A-R 2.5mm Power Jack 8.mm Dia.	Jameco Elec.: 151563	Price \$1.49
1	Set Screw Shaft Collar, for 1-1/4" Diameter, Aluminum	MCMaster: 9946K28	Price \$6.44
1	Rigid Aluminum Tubing, 1-1/4" OD, 1.18" ID, .035" Wall, 1' Length	MCMaster: 8978K23	Price \$6.67

**Total Price \$97.14**

Miscellaneous: 4-40 Screws, 4-40 nuts, 4-40 washers, Red and Black 18 Awg Teflon wire, thermal grease.