



## Features

- Universal Input: 90 ~ 264Vac
- Continuous Short Circuit Protection
- Meets EN55022 Class "B", Conducted
- Low Cost

## Specifications

### INPUT CHARACTERISTICS:

Voltage .....	90 ~ 264Vac
Frequency .....	47 to 63Hz
Input Current .....	0.5A max.
Inrush Current .....	30A max. @ 264Vac

### OUTPUT CHARACTERISTICS:

Holdup Time .....	10mS typ. @ 115Vac
Short Circuit Protection .....	Continuous (Auto Recovery)
Over Current Protection .....	Constant Current type

### ENVIRONMENTAL CHARACTERISTICS:

Operating Temperature .....	0 - 40°C
Storage Temperature .....	-20 - 85°C

### MECHANICAL CHARACTERISTICS:

Dimensions .....	2.83x 2.05 x 1.38 Inches
Weight .....	0.29 Pounds



MODEL	OUTPUT VOLTAGE	OUTPUT CURRENT	OUTPUT RIPPLE & NOISE	VOLTAGE SETPOINT	LINE REGULATION	LOAD REGULATION
TR 501	12V	500mA	1%	+/- 3%	+/- 1%	+/- 2%
TR 502	10V	600mA	1%	+/- 3%	+/- 1%	+/- 2%
TR 503	9V	650mA	1%	+/- 3%	+/- 1%	+/- 2%
TR 506	8V	650mA	1%	+/- 3%	+/- 1%	+/- 3%
TR 507	7.5V	650mA	1%	+/- 3%	+/- 1%	+/- 3%
TR 508	7.0V	650mA	1%	+/- 3%	+/- 1%	+/- 3%
TR 510	6.5V	650mA	1%	+/- 3%	+/- 1%	+/- 3%
TR 511-1	6.0V	1000mA	1%	+/- 3%	+/- 1%	+/- 4%
TR 513-1	5.0V	1200mA	1%	+/- 3%	+/- 1%	+/- 4%
TR514	4.2V	1000mA	1%	+/- 3%	+/- 1%	+/- 4%

NOTE:

1. Voltage setpoint at 60% full load.
2. Add a 0.1µF ceramic capacitor and a 10µF E.L. capacitor to output for Ripple & Noise measurement @20MHz BW.
3. Line regulation measured from 100Vac to 240Vac, full load.
4. Load regulation measured from 60% to full load and from 60% to 20% load (60% +/- 40% load)

Mechanical Specification

