S E R I E S

TR30R

30W SWITCHING ADAPTER

Features

- Universal Input : 90 ~ 264Vac
- Continuous Short Circuit Protection
- Over Voltage Protection
- Conductive EMI Meets CISPR/FCC Class B
- High Efficiency, 75% Typical
- AC Plug Can Be Change

Specifications

INPUT CHARACTERISTICS:

Voltage	90 ~ 264Vac
Frequency	47 to 63Hz
Input Current	0.7A max
Inrush Current	50A max @264Vac
Isolation	Input to output =4,242VDC
Leakage Current	0.25mA max

OUTPUT CHARACTERISTICS:

Holdup Time	10mS typ. @ 115Vac
Short Circuit Protection	Continuous (Auto Recovery)
Over Voltage Protection	Yes

ENVIRONMENTAL CHARACTERISTICS:

Operating Temperature	0 ~ 40˚C
Storage Temperature	-20 ~ 85˚C

MECHANICAL CHARACTERISTICS:

Dimensions	4.24x 2.27 x 1.32 Inches
Weight	(0.625 Pounds)

Typical at 25˚C, nominal line and 75% load, unless otherwise Specified

MODEL	OUTPUT VOLTAGE	MAX. LOAD	MIN. LOAD	RIPPLE & NOISE	VOLTAGE ACCURACY	LINE REGULATION	LOAD REGULATION
TR30R050	5.0V	5.0A	0 A	1%	±4%	±1%	±6%
TR30R090	9.0V	3.3A	0 A	1%	±2%	±1%	±3%
TR30R120	12 V	2.5A	0 A	1%	±2%	±1%	±2%
TR30R150	15V	2.0A	0 A	1%	±2%	±1%	±2%
TR30R180	18 V	1.65A	0 A	1%	±2%	±1%	±2%
TR30R240	24 V	1.25A	0 A	1%	±2%	±1%	±2%

NOTE:
1. Voltage setpoint at 60% load.
2. Add a 0.1μF ceramic capacitor and a 10μF E.L. capacitor to output for Ripple& Noise measuring @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

UNIT: mm(Inches)
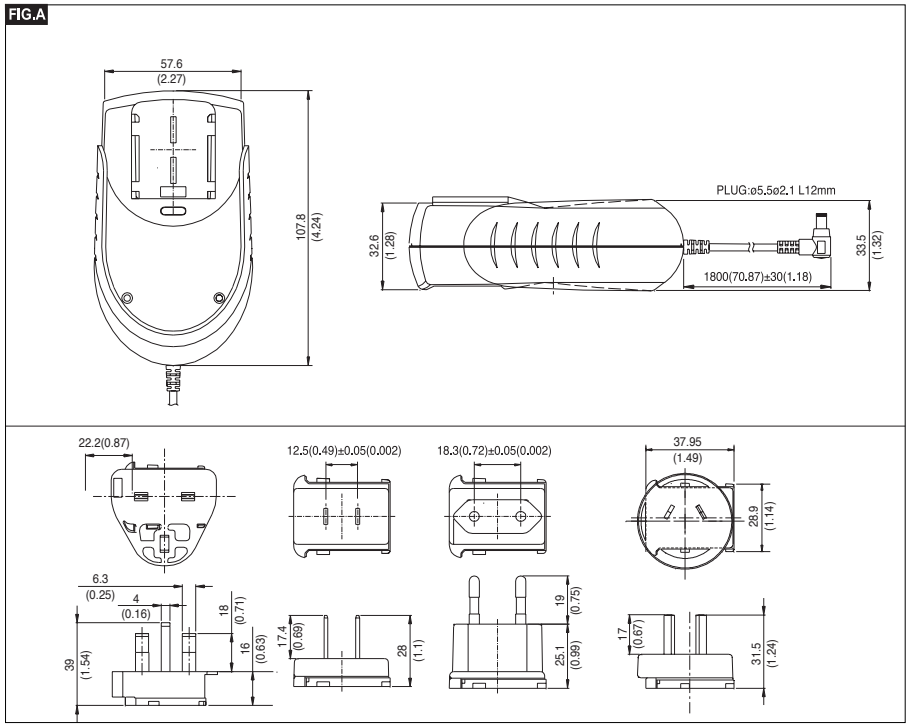
FIG.A