

TR3ORAM

30W SWITCHING ADAPTER For Medical Product



Features

- Universal Input : 90 ~ 264Vac
- Continuous Short Circuit Protection
- Over Voltage Protection
- High Efficiency, 75% Typical
- AC Plug Can Be Change
- Meet EN60601-1-2 and EN55011 Class B

Specifications

INPUT CHARACTERISTICS:

Voltage 90 ~ 264Vac
 Frequency 47 to 63Hz
 Input Current 50A max @264Vac
 Conducted EMI CISPR/FCC Class B
 Isolation Input to output =4.2kVDC
 Leakage Current.....100µA max

ENVIRONMENTAL CHARACTERISTICS:

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

OUTPUT CHARACTERISTICS:

Hold-up Time 10mS typ. @ 115Vac
 Short Circuit ProtectionContinuous (Auto Recovery)
 Over Voltage Protection Yes

MECHANICAL CHARACTERISTICS:

Dimensions107.8x57.6x33.5mm(4.24x 2.27 x 1.32 Inches)
 Weight280g (0.625 Pounds)

MODEL	OUTPUT VOLTAGE	MAX. LOAD	MIN. LOAD	RIPPLE & NOISE	VOLTAGE ACCURACY	LINE REGULATION	LOAD REGULATION
TR3ORAM050	5.0 V	4.0A	0 A	1%	±2%	± 1%	±6%
TR3ORAM090	9.0 V	3.0A	0 A	1%	±2%	± 1%	±3%
TR3ORAM120	12 V	2.5A	0 A	1%	±2%	± 1%	±2%
TR3ORAM150	15 V	2.0A	0 A	1%	±2%	± 1%	±2%
TR3ORAM180	18 V	1.65A	0 A	1%	±2%	± 1%	±2%
TR3ORAM240	24 V	1.25A	0 A	1%	±2%	± 1%	±2%

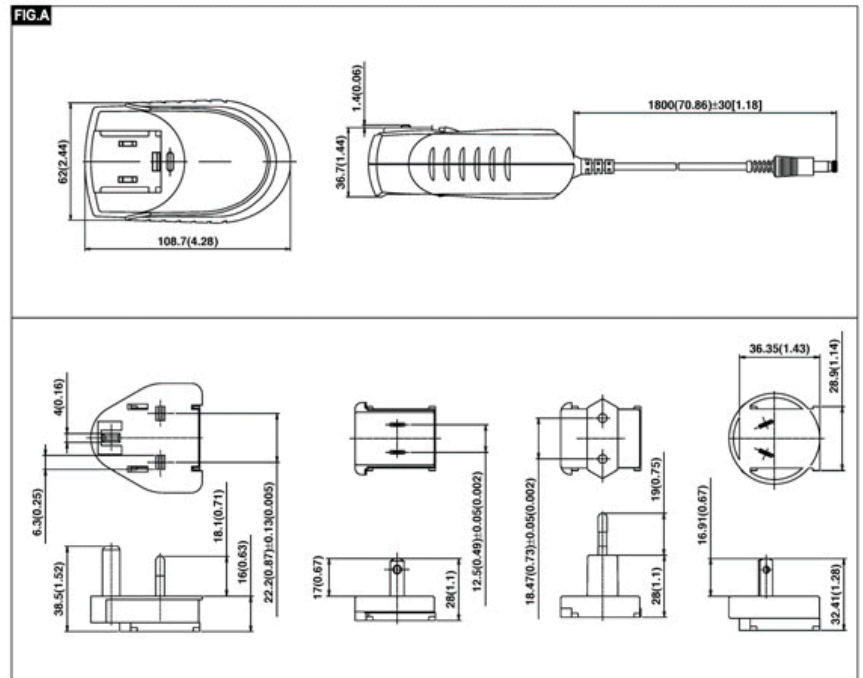
NOTE:

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



SMX POWER

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