ADP10AC-05

Single Output Power Supply





Features and Applications:

- 10W AC/DC Universal input Switch Mode Power Supplies
- •Case dimension 2.71×1.77×1.22 inch
- Over-voltage, over-current, and short circuit protection
- EN55022,FCC part 15 conducted noise level B
- · CE, CUL, CB certified
- Conforms to Energy Star requirements

All specifications are typical at nominal input, full load, at 25 °C unless otherwise stated.			
Electrical Specs			General
INPUT Input Range Input Current	90 ~ 264V AC 0.4A max. @ 90V AC	Weight	0.140 Kg (0.311 lbs.) max.
Efficiency	70% @ 115V AC	Switching Freq.	100KHz fixed
Inrush Current	40A max. @ 120VAC cold start	MTBF	50,000 hours min. @ 80% of full load
OUTPUT	2.04		
Output Current	2.0A max. 2.5A peak	Er	nvironmental
Load Regulation Line Regulation Ripple & Noise Transient Response	egulation $5.0V \pm 5\%$ egulation $5.0V \pm 1\%$ & Noise $70mV$ PK-PK of Vo at 20M Hz	Operating Temp. Storage Temp.	0°c ~ 50°c -20°c ~ 85°c
·	@ 50% step of full load	Relative Humidity	5% to 95% Non-condensing
Power On Time Hold-up Time	2s max. at turn on > 5ms @ full load, 115VAC	Vibration	3.5G rms peak, 5Hz ~ 500Hz
OVP Protection OCP protection	shall not exceed 6.8 volts 5A max.	Shock	80G peak
Short circuit protection		Altitude	Operating 10,000 ft max. Non-operating 10,000 ft max.
No load operation	Pass @ Single output		Non operating 10,000 it max.
Safety and Mark			EMC
cUL UL60950-1: 2003,	, First Edition	Conducted Emissions Radiated Emissions ESD Surge	EN55022, FCC part 15 level B EN55022, FCC part 15 level A EN61000-4-2, level3 EN61000-4-4, level3

ΙV

EN55024,EN55022,EN61000

CE

Eff Level

Fast transient

CE

EFFICIENCY LEVEL:

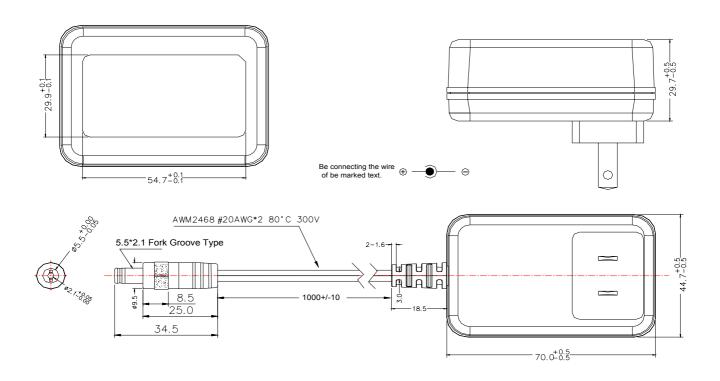
EN61000-4-2, level3

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Mechanical Information



Note: 1. All dimensions in mm

2. Detailed mechanical drawing upon request