

ADP10AC-2A-U




Single Output Power Supply



Features and Applications:

- 10W AC/DC Universal input Switch Mode Power Supplies
- Case dimension 3.14×2.04×1.59 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.

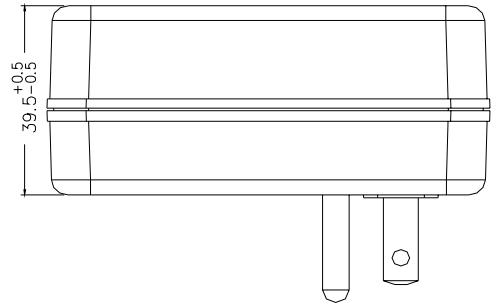
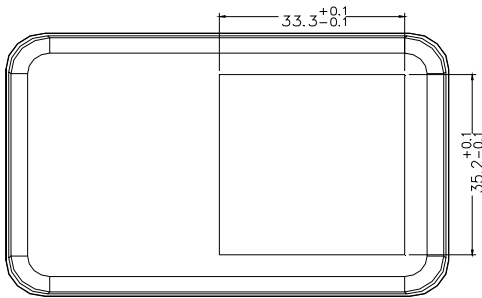
| Electrical Specs | | General | |
|------------------------------------|---|----------------------|--|
| INPUT | | | |
| Input Range | 90 ~ 264V AC | Weight | 0.117 Kg (0.26 lbs.) max. |
| Input Current | 0.4A max. @ 90V AC | | |
| Efficiency | 69.7% @ 230V AC | Switching Freq. | 100KHz fixed |
| Inrush Current | 40A max. @ 120VAC cold start | MTBF | 50,000 hours min. @ 80% of full load |
| OUTPUT | | Environmental | |
| Output Current | 2.0A max. 2.5A peak | Operating Temp. | 0°C ~ 50°C |
| Load Regulation | 5.1V ±5% | Storage Temp. | -20°C ~ 85°C |
| Line Regulation | 5.1V ±1% | Relative Humidity | 5% to 95% Non-condensing |
| Ripple & Noise | 70mV PK-PK of Vo at 20M Hz | Vibration | 3.5G rms peak, 5Hz ~ 500Hz |
| Transient Response | +/- 5% regulation @ 50% step of full load | Shock | 80G peak |
| Power On Time | 2s max. at turn on | Altitude | Operating 10,000 ft max. Non-operating 10,000 ft max. |
| Hold-up Time | > 5ms @ full load, 115VAC | | |
| OVP Protection | shall not exceed 6.8 volts | | |
| OCP protection | 5A max. | | |
| Short circuit protection | Auto-Restart Mode | | |
| No load operation | Pass @ Single output | | |
| Safety and Mark | | EMC | |
| cUL UL60950-1: 2003, First Edition |  | Conducted Emissions | EN55022, FCC part 15 level B |
| CE EN55024,EN55022,EN61000 |  | Radiated Emissions | EN55022, FCC part 15 level A |
| Eff Level IV |  | ESD | EN61000-4-2, level3 |
| | | Surge | EN61000-4-4, level3 |
| | | Fast transient | EN61000-4-2, level3 |

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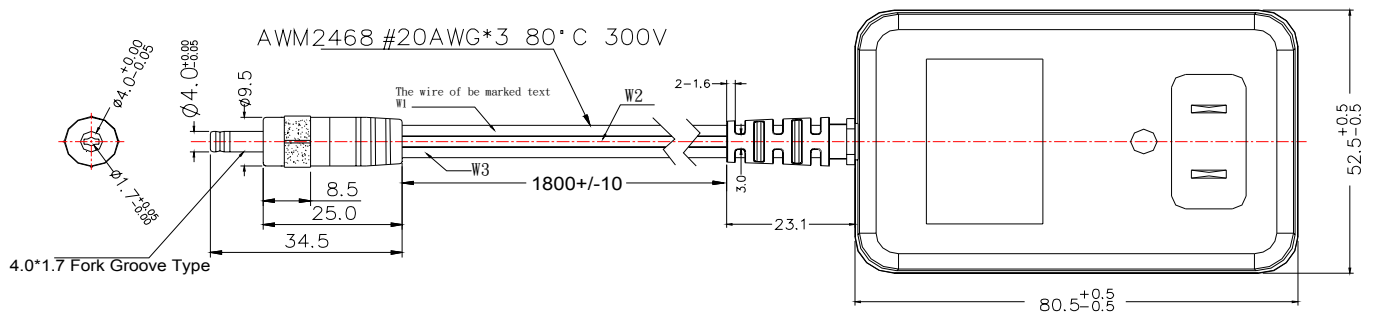


Mechanical Information



Other tolerances: ± 0.2 mm

Be connecting the wire W1 of be marked text. \oplus \ominus W2 and W3



Note: 1. All dimensions in mm

2. Detailed mechanical drawing upon request