



PA-1100-25AE

10W Adapter



FEATURES

- 5V 10W AC/DC Adapter
- Universal AC Input
- 47-63Hz. Input frequency
- USB Style
- Energy Efficiency Level VI
- 0-40 °C Operation
- 3 year warranty
- ROHS Compliant

TECHNICAL DATA:

Input:

| PARAMETER | DESCRIPTION / CONDITION | MIN | NOM | MAX | UNIT |
|----------------------------|-------------------------|------|-----|------|------|
| AC Input Voltage Range | | 90 | | 264 | VAC |
| AC Input Voltage (Nominal) | | 100 | | 240 | VAC |
| Frequency | | 47 | | 63 | Hz |
| Efficiency | | 78.7 | | | % |
| Leakage Current | At 240Vac, 50Hz | | | .025 | mA |

Output:

| PARAMETER | DESCRIPTION / CONDITION | MIN | NOM | MAX | UNIT |
|--------------------|---|-----|------|-----|------|
| Output Voltage | | 5 | 5.35 | 5.5 | VDC |
| Output Current | | | | 2 | A |
| Output Power (max) | | | | 10 | W |
| Ripple & Noise | By dc loading side parallel with a 10uF/EC. And 0.1uF/Ceramic. Capacitors and measured band width 20MHz | | | 200 | mVpp |
| Rise Time | | | | 20 | mS |
| Hold up time | full-load at 100VAC | 5 | | | mS |
| Turn on delay time | | | | 3 | S |

Protection:

| PARAMETER | DESCRIPTION / CONDITION | MIN | NOM | MAX | UNIT |
|------------------|---|-----|-----|-----|------|
| Over Voltage | Over voltage protection with shutdown and latch off function. | | | 7.5 | V |
| Short Circuit | Short circuit protection with auto recovery function | | | | |
| Over Current | Over current protection with auto recovery function | | | 2.5 | A |
| Over Temperature | Latch-Off | | | | |

Environmental:

| PARAMETER | DESCRIPTION / CONDITION | MIN | NOM | MAX | UNIT |
|-----------------------|-------------------------|-----|-----|-----|------|
| Operating Temperature | | 0 | | 40 | °C |
| Storage Temperature | | -30 | | 80 | °C |
| Humidity Operation | | 5 | | 90 | % |
| Humidity Storage | | 5 | | 90 | % |

Safety, Regulatory and EMC Specifications

| PARAMETER | DESCRIPTION / CONDITION | CRITERION |
|-------------------------|-------------------------|-----------|
| Agency Approvals | | |
| TUV | | |
| CE | | |
| EMI: | | |
| CISPR | Part 22 | Class B |
| FCC | Part 15 | Class B |
| EMS: | | |
| ESD contact | EN61000-4-2 | |
| ESD Air | EN61000-4-2 | |
| EFT | EN61000-4-4 | |
| Surge | EN61000-4-5 | |
| CS | EN61000-4-6 | |
| DIPS | EN61000-4-11 | |

Others:

| PARAMETER | DESCRIPTION / CONDITION |
|---------------|------------------------------------|
| MTBF | Min 100,000 Power on hours at 25°C |
| Dimensions | 43mm(L) x 43mm(w) x 27.5mm(h) |
| AC Plug | EU Fixed Blade |
| DC Cord | Compatible with USB 2.0 Cable |
| Plug size | NA |
| Plug Polarity | NA |
| Weight | 45g |

Mechanical Drawing:

