



データシート

Japanese

AC-DCコンバータ10W、基板実装、密閉型、A10DAシリーズ



詳細情報

A6DAシリーズ電源は、絶縁耐圧3.75kVの絶縁耐力を備えた小さな電源です。

産業、計器及び民生用途に最適です。

ワイド入力電圧範囲：90 – 264Vac

無負荷時消費電力 0.1W

絶縁耐力：3.75kVac

ワイド動作温度範囲：-25℃ - 85℃

小型、低リップル及び低ノイズ

過出力電流保護

安全規格：UL60950, EN60950, IEC60950に準拠

EMC：EN55022 (Class B)、EN55024に準拠

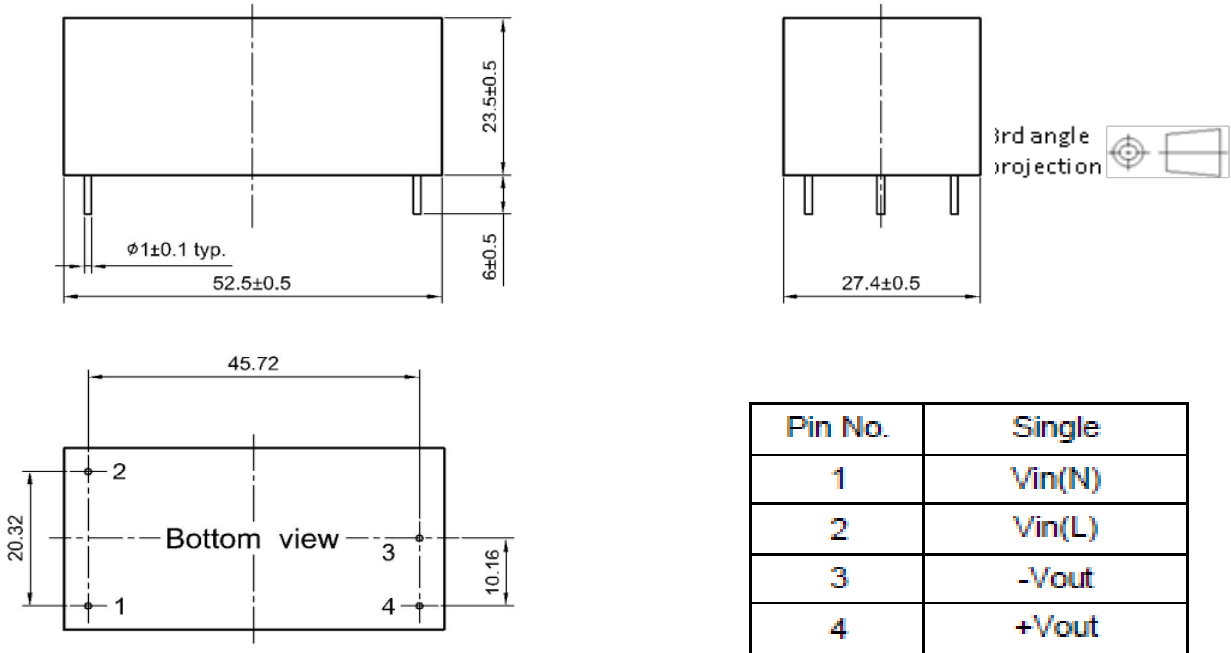
Specifications:

| | A10DA-AC3.3 | A10DA-AC05 |
|---------------------------|-------------------------------|-------------------|
| Depth | 22mm | |
| Efficiency | 70% | 76% |
| Fuse | External | |
| Humidity | 95% RH Max. | |
| Input Voltage | 90 – 264Vac | |
| Isolation Voltage | 3.75kV ac / 1minute | |
| Length | 40mm | |
| Line Regulation | ± 1.5% | |
| Load Regulation | ± 2% (10-100%Load) | |
| Maximum Temperature | +85°C | |
| Minimum Temperature | -25°C | |
| MTBF | 200000h @25°C | |
| No Load Power Consumption | 0.1W Typ. | |
| Number of Outputs | 1 | |
| Output Current | 3000mA | 2000mA |
| Output Voltage | 3.3Vdc | 5Vdc |
| Package Type | Encapsulated | |
| Power Rating | 10W | |
| Ripple and Noise | 130mVpp Max. 100mVpp Typ. | |
| Short-Circuit Protection | Automatic Restart, Continuous | |
| Storage Temperature | -25°C to +85°C | |
| Weight | 42g Typ. | |
| Width | 33.5mm | |
| Frequency Rating | 75kHz Typ. | |
| Safety | Based on UL60950, EN60950 | |

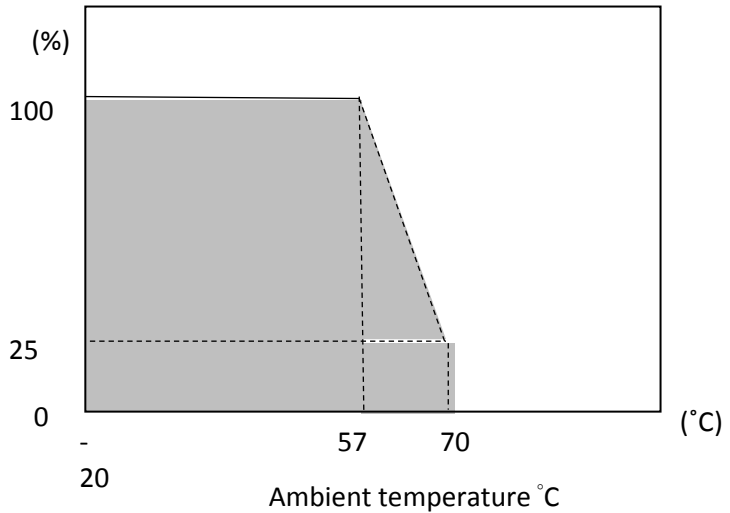
1. All specifications in this datasheet are measured at normal input and ambient temperature of 25° C.
2. The “output voltage tolerance” includes initial voltage accuracy, thermal drift, line regulation and load regulation at rated input voltage and load conditions
3. MTBF* are tested base on MIL-HDBK-217F

RS Pro 組込みスイッチモード電源 (SMPS), 3.3Vdc / 300mA, 5Vdc / 200mA

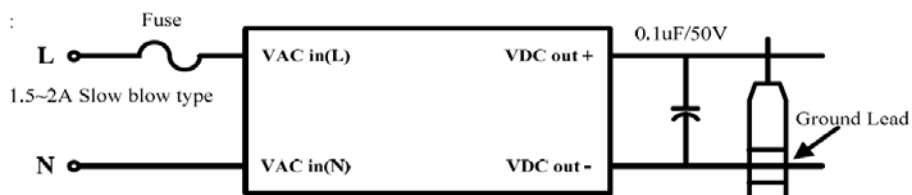
Mechanical Specification



Derating Curve



Application Note



1. Recommended external input fuse 1.5~2.0A / slow blow type.
2. To measure the output ripple & noise with short runs by 0.1uF/50V@20MHz, nominal input and full load.