



## データシート

Japanese

### AC-DCコンバータ 4W、基板実装、密閉型、A4DB シリーズ

#### 商品詳細



A4DB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

一次側Fuse: Fuse抵抗内蔵

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、過電圧出力保護

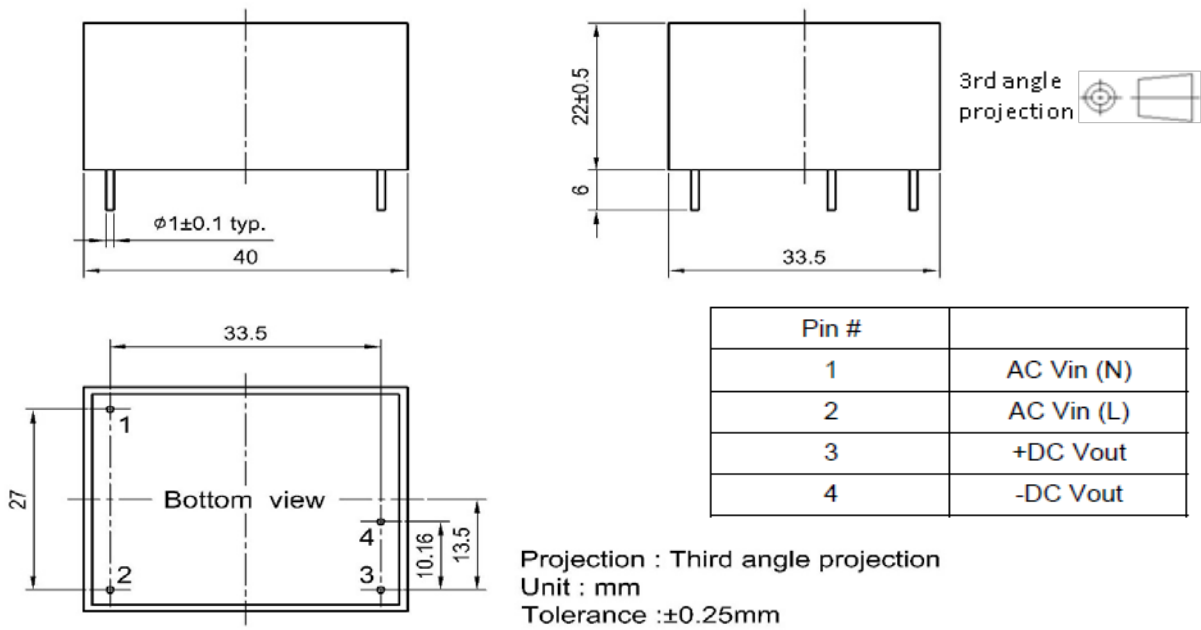
安全規格：UL60950, EN60950, IEC60950に準拠

## Specifications:

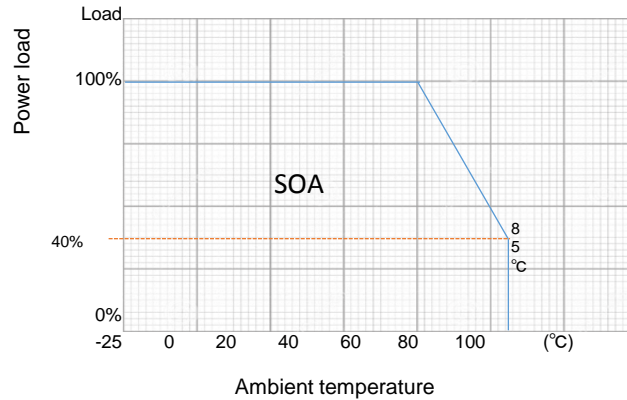
	A4DB-AC3.3	A4DB-AC05
Depth	22mm	
Efficiency	70%	74%
Humidity	95% RH Max.	
Input Voltage	90 – 264Vac	
Length	40mm	
Line Regulation	± 1.5%	
Load Regulation	± 2% (10-100%Load)	
Maximum Temperature	+85°C	
Minimum Temperature	-25°C	
MTBF	1500000h @25°C	
Number of Outputs	1	
Output Current	1200mA	800mA
Output Voltage	3.3Vdc	5Vdc
Over Voltage Protection	Zener Diode Clamp	
Package Type	Encapsulated	
Power Rating	4W	
Ripple and Noise	130mVpp Max. 100mVpp Typ.	
Shot-Circuit Protection	Automatic Restart, Continuous	
Storage Temperature	-25°C to +85°C	
Weight	38g Typ.	
Width	33.5mm	
Frequency Rating	80kHz 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

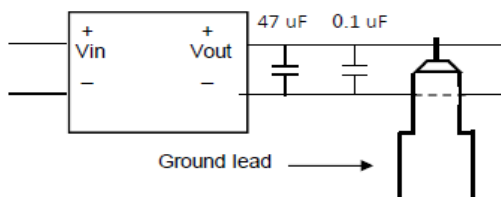
## Mechanical Specification



## Derating Curve



## Application Note



“The Ripple and Noise” is the maximum peak to peak voltage value measured at the output with a 20MHz bandwidth, At rated line voltage at full load; And with a 47 $\mu$ F low ESR electrolytic capacitor in parallel with a 0.1 $\mu$ F ceramic capacitor across the output.