

4 Watt

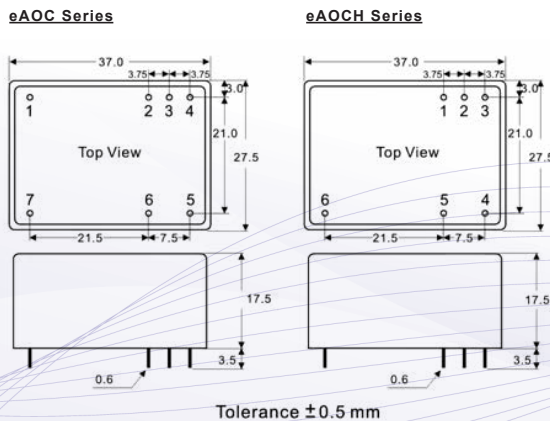
eAOC Series

- ◆ Power Module for PCB Mountable
- ◆ Universal Input: 90-264 VAC, 47-63 Hz
- ◆ Fully Encapsulated Plastic Case
- ◆ Low Ripple and Noise
- ◆ Low Standby < 0.3W
- ◆ Isolation Class II
- ◆ CE, CB, UL Approvals
- ◆ 3-Year Warranty



Input Specifications	eAYC	eAZC
Voltage Range	90~264 VAC or 120~370 VDC	90~305 VAC or 120~430 VDC
Frequency	47~63 Hz	
Output Specifications	eAYC	eAZC
Output Power	4 Watt (max.)	
Voltage Accuracy (Full Load and Nominal Vin)	Single: ±2% Dual: Vo% ±2% Vr:±2%	
Minimum Load	Single: 0% Dual: 25% (at Full Load)	
Line Regulation (LL to HL at Full Load)	Single: ± 0.2% (typ.) 3.3S: ± 0.5% (typ.) 5S~24S: ± 0.2% (typ.)	
Load Regulation (Single: 0% to 100% at Full Load) (Dual: 25% to 100% at Full Load)	Dual: Vo% ±2% Vr:±2% (typ.) 3.3S ~ 9S: ± 1% (typ.) 3.3S: ± 1.5% (typ.) 12S~24S: ± 0.5% (typ.) 5S~24S: ± 0.5% (typ.) Dual: Vo% ±0.5% Vr:±5% (typ.)	
Ripple & Noise (20MHz bandwidth)	3.3S,5S: <250mV (Vp-p) (max.) 8S,9S,5S3,3S<150mV (Vp-p) (max.) 12S,14S,8S5S<150mV (Vp-p) (max.) 15S,24S,12S5S<150mV (Vp-p) (max.)	
Temperature Coefficient	±0.02% / °C (max.)	
Short Circuit Protection	Hiccup mode, indefinite (Automatic recovery)	
General Specifications	eAOC	eAOCH
Efficiency (see table list)	68% to 75% (typ.)	
Isolation Voltage	3000 VAC (min.)	
Isolation Resistance	10 ⁸ Ω (Input to Output) (min.)	
Operating Temperature	-40°C to +80°C (with Derating)	
Storage Temperature	-40°C to +85°C	
Humidity	95% RH (max.)	
Cooling	Free-air Convection	
Physical Specifications	eAYC	eAZC
Dimension (Tolerance ±0.5 mm)	37.0 x 27.5 x 17.5 mm 1. x 0.87 x 0.67 inches	
Weight	26.1 g	
Case Material	Plastic resin (flammability to UL 94V-0)	

Outline Dimensions & Pin Connections



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eAOCH Series

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Model			
▶▶ eAOC Single Output			
Model & Ordering No	Input Voltage (V.AC)	Output Voltage (V.DC)	Output Current (m.A) max.
eAOC-3.3S	90~264	3.3	1200
eAOC-5S	90~264	5	800
eAOC-8S	90~264	8	500
eAOC-9S	90~264	9	444
eAOC-12S	90~264	12	333
eAOC-14S	90~264	14	286
eAOC-15S	90~264	15	267
eAOC-24S	90~264	24	167
▶▶ eAOC Dual Output			
Model & Ordering No	Input Voltage (V.AC)	Output Voltage (V.DC)	Output Current (m.A) max.
eAOC-5S3.3S	90~264	Vo: 5 Vr:3.3	600/150
eAOC-8S5S	90~264	Vo: 8 Vr:5	375/120
eAOC-12S5S	90~264	Vo: 12 Vr:6	250/120
▶▶ eAOCH Single Output			
Model & Ordering No	Input Voltage (V.AC)	Output Voltage (V.DC)	Output Current (m.A) max.
eAOCH-3.3S	90~305	3.3	1200
eAOCH-5S	90~305	5	800
eAOCH-8S	90~305	8	500
eAOCH-9S	90~305	9	444
eAOCH-12S	90~305	12	333
eAOCH-14S	90~305	14	286
eAOCH-15S	90~305	15	267
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▶▶ eAOCH Dual Output			
Model & Ordering No	Input Voltage (V.AC)	Output Voltage (V.DC)	Output Current (m.A) max.
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eAOCH-12S5S	90~264	Vo: 12 Vr:6	250/120

Derating

