



## 15 Watt USB Adapter with USB Type-C



### Features

- USB Type-C
- Class B EMI
- Over Voltage and Short Circuit Protections
- DOE Level VI, CoC V5 Tier 2

### Applications

- Mobile Phone
- Tablet
- Notebook
- Networking Devices
- Monitor

### Safety Approvals (Preliminary)

- UL 60950
- IEC 60950
- EN 60950
- CB
- CE

### Mechanical Characteristics

- Length: 68.1mm (2.68in)
- Width: 40mm (1.57in)
- Height: 23.3mm (0.92in)
- Weight: 55g (1.94oz)

### Output Specifications

Model	Prong Style	Case Color	Output Power	Output Voltage	Current Rating	Ripple <sup>(1)</sup> P-P (max.)	Efficiency Level
AQ15A-050A	US	Black	15W	5V	3A	150mV	VI
AQ15A-050AW	US	White	15W	5V	3A	150mV	VI
AQ15E-050A	EU	Black	15W	5V	3A	150mV	VI

Notes: (1) Measured by using a 12 inch twisted pair terminated with a 10uF & 0.1uF ceramic in parallel. Oscilloscope is set to 20MHz.

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**Input:**

**AC Input Voltage Rating**  
100 to 240V AC

**AC Input Voltage Range**  
90 to 264V AC

**AC Input Frequency**  
47 to 63Hz

**Input Current**  
0.5A (RMS) maximum at 100Vac

**Leakage Current**  
20uA Max.

**Inrush Current**  
60A max @240V (Cold start)

**Input Power Saving**  
<75mW @115VAC/230VAC

**Output:**

**Efficiency**  
US DOE Level VI  
CoC V5 Tier 2

**Environmental:**

**Temperature**  
Operation 0 to +40°C  
Non-operation -40 to +85°C  
Humidity 90% RH max

**DC Output Connector**

USB Type C

**Emissions**

FCC Class B  
EN55022 Class B

**Immunity**

EN61000-4-2  
EN61000-4-5

**Hold-up Time**

10mS minimum at 115V/60Hz & 230Vac/50Hz max load

**Over-Voltage Protection**

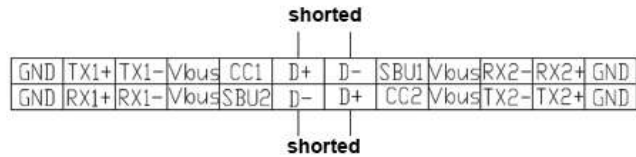
Output voltage shall not exceed 9V

**Short-Circuit Protection**

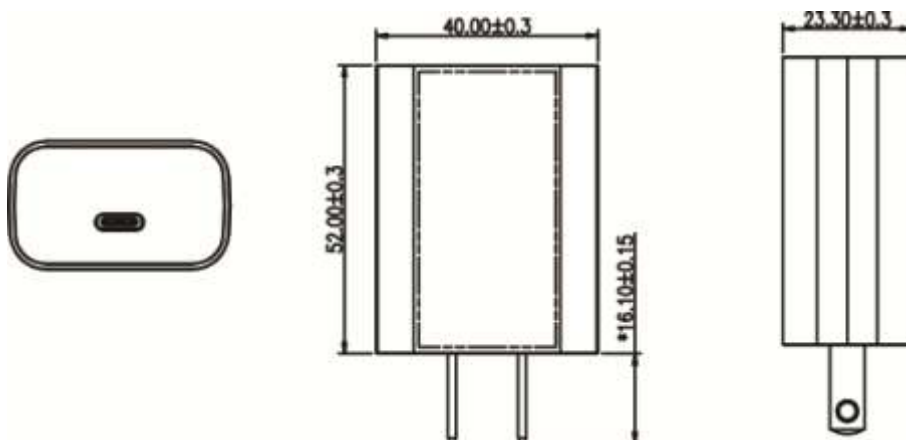
Auto Recover

**Dielectric Withstand (Hi-pot) Test**

Primary to Secondary: 3000V AC for 1 min., 10mA



**AQ15A-050A Dimension Diagram Unit: mm (inch)**



**AQ15E-050A Dimension Diagram Unit: mm (inch)**

